

"City of Champions"

**DEPARTMENT OF PUBLIC WORKS
OFFICE OF THE COMMISSIONER**

July 21, 2008

Michael L. Thoreson
COMMISSIONER

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I. Andrew Goldberg
Assistant Attorney General
Massachusetts Office of the Attorney General
One Ashburton Place
18th Floor
Boston, MA 02108

**Subject: Brockton, Massachusetts
Wastewater Collection/Treatment Facility
Consent Decree Civil Action Case No. 1:06-cv-11334-NMG
2008 - 2nd Quarter Report**

Dear Mr. Goldberg:

The following is a quarterly report for your consideration regarding the City's Consent Decree Civil Action referenced above. This information is an update of the individual ongoing wastewater projects within the City plus other relevant data, in accordance with Section 42 of the Consent Decree.

Section 42 a - Activities Directed at Compliance with the Consent Decree:

1. Miscellaneous Sewer Pipe Repair and Replacement

The City has been performing sewer rehabilitation based on the findings of the City Wide Sewer System Evaluation Survey (SSES). In addition, there are several private contractors performing sewer rehabilitation throughout the City. As a result of this work, many gallons of extraneous flow have been removed from the sewer system. The attached Table 1 is a summary of sewer system repairs documented since 1990. The City and private contractors repaired structural defects identified in the SSES during the 2nd quarter of 2008, which account for removal of 5,760 gpd of extraneous flow. This activity is required by Sections 35 through 39 of the Consent Decree.

2. Phase IV Sewer System Rehabilitation

Construction continued during this quarter, and is substantially complete. The construction value is approximately \$2,700,000 and SRF assistance is being provided. This activity is required by Sections 35 through 39 of the Consent Decree.

3. Phase VI Sewer System Rehabilitation

Construction continued during this quarter, and work is scheduled to be substantially complete Summer 2008. The construction value is approximately \$2,400,000 and SRF assistance is being provided. This activity is required by Sections 35 through 39 of the Consent Decree.

4. Phase VII Sewer System Rehabilitation

Design of Phase VII is complete, and bidding was completed during the 2nd quarter of 2008. The construction value is approximately \$2,000,000 and SRF assistance is being provided. Construction is expected to commence Summer 2008, and extend through Winter 2008.

5. Local and State Funding

The City is currently proceeding with the SRF funding package of \$61 million and a second loan offer of \$20 million has been provided by the State. In addition, the City modified their authorization for bonding from \$61 million to \$86 million. These funds are required for the upgrade of the wastewater treatment facility and for rehabilitation of the collection system.

6. I/I Reduction by Whitman and Abington

Both Whitman and Abington are required to develop an I/I rehabilitation plan as defined in the new NPDES permit for the Brockton WWTF. Both have been provided a copy of the Consent Decree and are currently pursuing I/I studies and rehabilitation. This activity is required by Section 40 of the Consent Decree.

7. Wastewater Treatment Facility Upgrade

- a. The Phase I WWTF Upgrade has reached substantial completion. This activity is required by Section 23, 24 and 25 of the Consent Decree.

- b. The Phase II WWTF Upgrade has reached substantial completion. This activity is required by Sections 26 through 29 of the Consent Decree.
- c. The Phase III WWTF Upgrade continues as planned. This activity is required by Sections 30 through 34 of the Consent Decree.

Section 42 b - Plans, Reports, and Deliverables Completed and Submitted during this Period:

1. The City submitted its FY09 Sewer Enterprise Fund as required by paragraph 41 of the Consent Decree (copy attached).

Section 42 c - Activities Anticipated During the Next Reporting Period:

1. The City will submit a quarterly report.
2. Miscellaneous Sewer Pipe Repair and Replacement by City Personnel

Additional sewer rehabilitation by City staff based on the findings of the City Wide Sewer System Evaluation Survey (SSES) is expected to continue during the next reporting period.

3. Phase IV Sewer System Rehabilitation

Construction of this project will be ongoing during the next reporting period.

4. Phase VI Sewer System Rehabilitation

Construction of this project will be ongoing during the next reporting period.

5. Phase VII Sewer System Rehabilitation Design

Construction of this project will commence and be ongoing during the next reporting period

6. Phase VIII Sewer System Rehabilitation Design

Design of this project will commence and be ongoing during the next reporting period

7. Wastewater Treatment Facility Upgrade

- a. There are no submittal requirements for the Phase III WWTF Upgrade during the next reporting period. This project continues on schedule.

Section 42 d - Anticipated Non-Compliance During the Next Reporting Period:

During the next quarter, the facility will again be forced to experience some intermittent major process interruptions, loss of use of available tankage and shutdowns, which will be required to accommodate various requirements of the upgrade construction. It is hoped and anticipated, due to both good planning and coordination, that the WWTF will not experience any major non-compliance effluent events. While it is anticipated that the nitrification treatment process will be most affected due to limited tank availabilities which influence the hydraulic retention times needed for this process, the planned completion of some critical process tanks during the next quarter should allow for better and improved facility treatment performance.

Section 42 e - Non-Compliance during the Current Reporting Period:

During the 2nd quarter of 2008, the City of Brockton WWTF experienced some minor effluent violations listed below; which were the result of construction upgrade activities which impacted equipment and process unit availabilities.

April

1 - Monthly FPE NH₃-N

Permit - 12.0 mg/l Result - 15.2 mg/l

May

1 - Weekly FPE NH₃-N

Permit - 4.0 mg/l Result - 9.5 mg/l

1 - Daily FPE NH₃-N

Permit - 6.0 mg/l Result - 11.2 mg/l

June

None


Section 73 - Certification by representative of the City

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Closing

We trust this information meets your expectations regarding the required progress report. Please do not hesitate to contact me at 508-580-7135 regarding any questions or comments on this information.

Sincerely,



Michael L. Thoreson
DPW Commissioner
MLT/ss

cc: Chief, Environmental Enforcement Section CERTIFIED MAIL 7007 0710 0002 5722 0079
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Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

| Annual Quarter | Dates Work Performed | Description of Work | Infiltration Removed | Flow in gallons per day | | |
|-----------------------------|-------------------------|--|-------------------------|-------------------------|--------------------------|------------------------|
| | | | | Inflow Removed | Total I/I per quarter | Exfiltration Source |
| 2nd Quarter 2008 | May 6, 2008 | P6: Sheridan St., replaced 131' of 12 VC pipe (053-080 to 053-084) | 5,760 gpd | | | |
| | May 6, 2008 | P6: Sheridan St., replaced 231' of 12 VC pipe (053-078 to 053-080) | | | | |
| | May 6, 2008 | P6: Sheridan St., replaced 237' of 12 VC pipe (053-054A to 053-078) | | | | |
| | May 6, 2008 | P6: Sheridan St., replaced 235' of 12 VC pipe (053-059 to 053-054A) | | | | |
| | May 6, 2008 | P6: Sheridan St., replaced 53' of 12 PVC pipe (053-065A to 053-059) | | | | |
| | May 3, 2008 | P6: Market St., replaced 304' of 12" VC pipe (024-046 to 024-EX2) | | | 5,760 gpd | |
| 1st Quarter 2008 | March 26, 2008 | Portland St., replaced 3' of 8" PVC & service STA 2+21 to 2+23 (059-035 to 059-034) see photos 230A & 230B | 1,161 gpd | | | |
| | March 18, 2008 | Portland St., replaced 3' of 8" PVC STA 2+33 to 2+36 (059-036A to 059-035) see photos 229A & 229B | 1,240 gpd | | | |
| | March 18, 2008 | Portland St., replaced 4' of 8" PVC & service STA 2+00 to 2+04 (059-036A to 059-035) see photos 228A & 228B | 1,240 gpd | | | |
| | March 17, 2008 | Portland St., replaced 3' of 8" PVC & service wye STA 0+47 to 0+49 (059-035 to 059-034) see photos 227A & 227B | 360 gpd | | 4,001 gpd | |
| 4th Quarter 2007 | December 14, 2007 | P6: Warren Ave, replaced 279' of 21" pipe (024-046 to 023-001) | | | | |
| | December 14, 2007 | P6: Warren Ave, replaced 284' of 21" pipe (023-005 to 023-009) | | | | |
| | December 14, 2007 | P6: Warren Ave, replaced 229' of 21" pipe (023-001 to 023-005) | | | | |
| | December 12, 2007 | P4: Packard Way, replaced 27' of 8" pipe (sta. 0+27 to 021-001) | | | | |
| | December 12, 2007 | P4: Packard Way, replaced 104' of 8" pipe (021-002A to sta. 0+27) | | | | |
| | December 12, 2007 | P4: Packard Way, replaced 294' of 8" pipe (021-002 to 021-002A) | | | | |
| | October 26, 2007 | P4: Warren Ave, replaced 126.5' of 12" pipe (021-054 to 021-049X) | | | | |
| | October 26, 2007 | P4: Warren Ave, replaced 229.5' of 12" pipe (021-049X to 022-049) | | | | |
| | October 24, 2007 | P6: Warren Ave, replaced 237' of 21" pipe (024-040 to 024-046) | | | | |
| | Oct - Dec, 2007 | Capping of 1 floor drain throughout the City | | | 4,798 gpd | |
| | December 14, 2007 | P6: Orchard Ave., replaced 319' of 8" pipe (037-127 to 037-128) | 63,360 gpd | | | |
| | December 14, 2007 | P6: North Main St., replaced 343' of 8" pipe (037-127 to 037-131) | 1,080 gpd | | | |
| | December 14, 2007 | P6: North Main St., replaced 295' of 8" pipe (037-124 to 037-127) | 3,963 gpd | | | |
| | December 14, 2007 | P6: North Main St., replaced 213' of 8" pipe (037-122A to 037-124) | 4,102 gpd | | | |
| | December 14, 2007 | P6: North Main St., replaced 213' of 8" pipe (037-122 to 037-122A) | 2,880 gpd | | | |
| | December 14, 2007 | P6: North Main St., replaced 85' of 8" pipe (037-121 to 037-122) | 0 gpd | | | |
| | December 14, 2007 | P6: North Main St., replaced 337' of 8" pipe (037-118 to 037-121) | 2,880 gpd | | | |
| | November 20, 2007 | P4: Warren Ave, replaced 262' of 12" pipe (021-006 to 021-001) | 0 gpd | | | |
| | November 15, 2007 | Portland St., replaced 4' of 8" PVC & service Wye STA 1+35 to 1+39 (059-036A to 059-035) see photos 226A & 226B | 400 gpd | | | |
| | November 14, 2007 | Lewiston St., replaced 4' of 10" PVC & service Wye STA 1+76 to 1+81 (059-045 to 059-044) see photos 225A & 225B | 2,485 gpd | | | |
| | November 14, 2007 | Lewiston St., replaced 4' of 10" PVC & service Wye STA 0+13 to 0+17 (059-044 to 059-040) see photos 224A & 224B | 1,440 gpd | | | |
| | November 8, 2007 | P4: Warren Ave, replaced 303' of 12" pipe (021-001 to 021-054) | 28,800 gpd | | | |
| | October 1, 2007 | Kingman St., replaced 7' of 8" PVC STA 0+30 to 0+37 (054-031 to 054-030) see photos 223A & 223B | 1,750 gpd | | 117,938 gpd | |
| 3rd Quarter 2007 | September 26, 2007 | P6: Warren Ave, replaced 180' of 21" pipe (024-040 to 024-044) | 4,320 gpd | | | |
| | September 21, 2007 | P6: Warren Ave, replaced 275' of 21" pipe (024-038 to 024-040) | | | | |
| | September 14, 2007 | P6: Warren Ave, replaced 274' of 21" pipe (024-037 to 024-038) | | | | |
| | August 30, 2007 | P6: Clifton Ave, replaced 137' of 24" pipe (024-030A to 024-037) | | | | |
| | August 29, 2007 | P6: Clifton Ave, replaced 116' of 24" pipe (024-030 to 024-030A) | | | | |
| | August 27, 2007 | P4: Warren Ave, replaced 351' of 18" pipe (022-049 to 022-040) | | | | |
| | August 22, 2007 | P6: Clifton Ave, replaced 32' of 24" pipe (024-029 to 024-030) | | | | |
| | August 13, 2007 | Clark St, replaced 8' to 8" PVC & (2)8"X8"Sleeves STA 1+20 to 1+28 (054-039 to 054-039A) see photos 222A & 222B | | | | |
| | July 28, 2007 | P4: Packard Way, replaced 328' of 8" pipe (021-003 to 021-002) | | | | |
| | July 13, 2007 | P4: Packard Way, replaced 244' of 8" pipe (021-005 to 021-004) | | | | |
| | July 10, 2007 | P4: Packard Way, replaced 193' of 8" pipe (021-004 to 021-003X) | | | | |
| | July 3, 2007 | P4: Packard Way, replaced 129' of 8" pipe (021-003X to 021-003) | 180 gpd | | | |
| | Jun - Sept, 2007 | Removal of 22 private sump pumps and 1 floor drain capping throughout the City | | | 94,350 gpd | |
| | September 17, 2007 | Adams St., replaced 2' to 8" PVC & (2)8"X8"Sleeves STA 1+31 to 1+33(053-097 to 053-097A) see photos 221A & 221B | 2,160 gpd | | | |
| | September 7, 2007 | Moulton St., replaced 8' to 8" PVC & (3)6"Sleeves STA 1+81 to 1+89(054-035 to 054-034) see photos 220A & 220B | 90 gpd | | | |
| | September 6, 2007 | Perry Ave., replaced 6' to 8" PVC & (2)8"X8"Sleeves STA 2+62 to 2+68(054-035 to 054-034) see photos 219A & 219B | 1,050 gpd | | | |
| | September 5, 2007 | Perry Ave., replaced 7' to 8" PVC & (2)8"X8"Sleeves STA 0+58 to 0+65(054-035 to 054-034) see photos 218A & 218B | 1,050 gpd | | | |
| | September 4, 2007 | Perry Ave., replaced 4' to 8" PVC & (2)8"X8"Sleeves STA 0+72 to 0+76(054-035A to 054-035) see photos 217A & 217B | 720 gpd | | | |
| | August 21, 2007 | Addison Ave., replaced 6' to 6" PVC & 6"X6"Wye STA 1+72 to 1+78(054-004E to 054-004C) see photos 216A & 216B | 360 gpd | | | |
| | August 20, 2007 | Addison Ave., replaced 7' to 6" PVC & (2)6"X6"Sleeves STA 2+08 to 2+15(054-004E to 054-004C) see photos 215A & 215B | 360 gpd | | | |

Table 1
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Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

| Annual Quarter | Dates Work Performed | Description of Work | Infiltration Removed | Flow in gallons per day | | | Exfiltration Source |
|-------------------|---|--|-------------------------|-------------------------|--------------------------|-------------|------------------------|
| | | | | Inflow Removed | Total I/I per quarter | | |
| 2nd Quarter 2007 | August 17, 2007 | Henry St., replaced 4' to 8" PVC & (2)8"X8"Sleeves STA 1+67 to 1+71(054-025 to 054-024) see photos 214A & 214B | 270 gpd | | | | |
| | August 16, 2007 | Henry St., replaced 6' to 8" PVC & (4)8"X8"Sleeves STA 3+07 to 3+13(054-025 to 054-024) see photos 213A & 213D | 270 gpd | | | | |
| | August 15, 2007 | Macy Ave, replaced 8' to 8" PVC & (2)8"X8"Sleeves STA 1+22 to 1+30(054-004D to 054-004B) see photos 212A & 212B | 1,500 gpd | | | | |
| | July 16, 2007 | Bishop St, replaced 8' to 6" PVC & 6"Sleeve STA 0+31 to 0+39(043-091A to 043-090) see photos 211A & 211B | 40 gpd | | | | |
| | July 12, 2007 | Upton St, replaced 2' to 8" PVC & (2)8"X"Sleeves STA 1+77 to 1+79(043-056 to 043-057) see photos 210A & 210B | 45 gpd | | | | |
| | July 2, 2007 | Moncrief St, replaced 5' to 8" PVC & 8"X8"Sleeve STA 1+10 to 1+15(043-087B to 043-087A) see photos 209A & 209B | 170 gpd | | | | |
| | July 2, 2007 | Moncrief St, replaced 4' to 8" PVC & (2)8"X8"Sleeves STA 0+79 to 0+83(043-087B to 043-087A) see photos 208A & 208B | 170 gpd | | | | |
| | June 20, 2007 | Drew Ave, replaced 6' to 8" PVC & (2)8"X8"Sleeves STA 0+24 to 0+30(043-087C to 043-087B) see photos 207A & 207B | 1,800 gpd | | | | |
| | June 19, 2007 | Drew Ave, replaced 4' to 8" PVC & (2)8"X8"Sleeves STA 0+75 to 0+79(043-087D to 043-087C) see photos 206A & 206B | 360 gpd | | | | |
| | June 18, 2007 | Drew Ave, replaced 9' to 8" PVC & (2)8"X8" Sleeves STA 1+10 to 1+19(043-087E to 043-087D) see photos 205A & 205B | 450 gpd | | | | |
| | June 13, 2007 | Drew Ave, replaced 4' to 8" PVC & (2)8"X8" Sleeves STA 0+31 to 0+35(043-087D to 043-087C) see photos 204A & 204B | 450 gpd | | | | |
| | June 13, 2007 | Drew Ave, replaced 4' to 8" PVC & (2)8"X8" Sleeves STA 2+61 to 2+65 (043-087D to 043-087C) see photos 203A & 203B | 400 gpd | | | | |
| | June 6, 2007 | Drew Ave, replaced 6" service wye STA 1+36 (043-087C to 043-087B) see photos 202A & 202B | 180 gpd | | | | |
| | June 5, 2007 | Drew Ave, replaced 2' of 8" PVC STA 1+71 to 1+73 (043-087C to 043-087B) see photos 201A & 201B | 45 gpd | | 110,790 gpd | | |
| | Apr - Jun 2007 | Replacement of 6 sewer cleanouts and capping of 2 floor drains throught the City | | | 18,720 gpd | | |
| | May 30, 2007 | P4: Summer Street, replaced 160' of 8" pipe (063-013 to 063-013X) | | 480 gpd | | | |
| | May 30, 2007 | P4: Summer Street, replaced 109' of 8" pipe (063-012X to 063-013) | | 480 gpd | | | |
| | May 30, 2007 | P4: Summer Street, replaced 12' of 8" pipe (063-012 to 063-012X) | | 480 gpd | | | |
| | May 9, 2007 | P4: Riverview Street, replaced 27' of 12" pipe (sta. 0+43 to 063-002A) | | | | | |
| | May 8, 2007 | P4: Perkins Avenue, replaced 32.5' of 12" pipe (063-005D to 063-002A) | | | | | |
| | May 3, 2007 | P4: Perkins Avenue, replaced 239' of 12" pipe (063-005D to 063-001) | | 65,520 gpd | | | |
| | May 1, 2007 | P4: Perkins Avenue, replaced 235.5' of 10" pipe (063-001 to 066-005) | | 93,600 gpd | | | |
| | April 25, 2007 | P4: Leyden Street, replaced 6' of 8" pipe and replaced SMH 063-CAP1 | | 0 gpd | | | |
| | April 20, 2007 | P4: Darby Road, replaced 261.5' of 8" pipe (065-028 to 065-029) | | 180 gpd | | | |
| | Apr - Jun 2007 | Removal of 15 private sump pumps throughout the City | | | 124,200 gpd | | |
| | May 3, 2007 | Massachusetts Ave.,replaced 22' of 8" PVC STA 1+99 to 2+14 (043-016 to 043-015) see Photo 200A & 200B | | 500 gpd | | | |
| | May 2, 2007 | Massachusetts Ave., replaced 6' of 8" PVC STA 2+96 (043-019 to 043-018) see Photo 199A & 199B | | 1,510 gpd | | | |
| | May 1, 2007 | Massachusetts Ave., replaced 2' of 8" PVC STA 2+14 (043-019 to 043-018) see Photo 198A & 198B | | 1,550 gpd | | | |
| | April 30, 2007 | Massachusetts Ave., replaced 5' of 8" PVC STA 2+96 (043-019 to 043-018) see Photo 197A & 197B | | 1,710 gpd | | | |
| | April 25, 2007 | Massachusetts Ave., replaced 4' of 8" PVC STA 0+71 (043-020 to 043-019) see Photo 196A & 196B | | 5 gpd | | | |
| | April 24, 2007 | Massachusetts Ave., replaced 8"X6" Y & 3' of 8" PVC & 5'of 6" PVC STA 0+24 (043-019 to 043-018) see Photo 195A & 195B | | 1,710 gpd | | | |
| | April 20, 2007 | Massachusetts Ave., replaced 6"X8" TEE & 7' 8" PVC & 5' of 6" PVC STA 1+23 (043-020 to 043-019) see Photo 194A & 194B | | 10 gpd | | | |
| | April 19, 2007 | Massachusetts Ave., replaced 4' of 8" PVC STA 1+22 (043-020 to 043-019) see Photo 193A & 193B | | 15 gpd | | | |
| | April 19, 2007 | Massachusetts Ave., replaced 1.5' of 8" PVC STA 1+32 (043-020 to 043-019) see Photo 192A & 192B | | 15 gpd | | | |
| | April 10, 2007 | Summer St., replaced 3' of 6" PVC NO STA (Not on Phase repair list) see Photo 191A & 191B | | | | | |
| | April 5, 2007 | Massachusetts Ave., replaced 10' of 8" PVC STA 2+41 to 2+52 (043-016 to 043-015) see Photo 190A & 190B | | 480 gpd | | | |
| | April 4, 2007 | Massachusetts Ave., replaced 7' of 8" PVC STA 1+99 (043-016 to 043-015) see Photo 189A & 189B | | 550 gpd | | | |
| | April 3, 2007 | Massachusetts Ave., replaced 6' of 8" PVC STA 0+73 (043-016 to 043-015) see Photo 188A & 188B | | 45 gpd | | | |
| | April 2, 2007 | Massachusetts Ave., replaced 4' of 8" PVC STA 2+23 to 2+31 (043-015 to 043-014) see Photo 187A & 187B | | 1,800 gpd | | 313,560 gpd | |
| March 30, 2007 | Anawan St., replaced 6' of 8" PVC STA 0+08 (043-078 to 043-077) see Photo 186A & 186B | | 1,080 gpd | | | | |
| March 29, 2007 | Anawan St., replaced 6' of 10" PVC STA 0+76 (043-078 to 043-077) see Photo 185A & 185B | | 1,080 gpd | | | | |
| March 28, 2007 | Ashfield Dr @Anawan St., replaced 10' of 10" PVC STA 0+33 (Not on replace list) see Photo 187A & 184B | | | | | | |
| March 27, 2007 | Bishop St., replaced 3' of 8" PVC STA 0+11 (043-087A to 043-086A) see Photo 183A & 183B | | 360 gpd | | | | |
| March 27, 2007 | Bishop St., replaced 3' of 8" PVC STA 1+53 (043-087A to 043-086A) see Photo 182A & 182B | | 360 gpd | | 2,880 gpd | | |
| March 13, 2007 | Algonquin St., replaced 3' of 10" PVC STA 0+55 (043-013 to 043-012) see Photo 180A & 180B | | 300 gpd | | | | |
| March 12, 2007 | Algonquin St., replaced 3' of 10" PVC STA 0+39 (043-013 to 043-012) see Photo 179A & 179B | | 180 gpd | | | | |
| March 9, 2007 | Dailey Rd., replaced 2' of 8" PVC STA 0+08 (043-059 to 043-058) see Photo 178A & 178B | | 50 gpd | | | | |
| March 8, 2007 | Algonquin St., replaced 4' of 10" PVC STA 0+15 (043-013 to 043-012) see Photo 177A & 177B | | 200 gpd | | | | |
| March 7, 2007 | Dailey Rd., replaced 9' of 8" PVC & service wye STA 0+76 (043-059 to 043-058) see Photo 176A & 176B | | 50 gpd | | | | |
| March 6, 2007 | Anawan St., replaced 6' of 8" PVC STA 1+13 (043-079 to 043-078) see Photo 175A & 175B | | 10 gpd | | | | |
| February 27, 2007 | John Berman Dr., replaced cap on Y STA 1+58 (Not on replace list) see Photo 175A & 175B | | 700 gpd | | | | |
| February 21, 2007 | John Berman Dr., replaced 4' of 10" PVC & service wye STA 0+52 (043-085A to 043-085) see Photo 174A, 174B, 174C & 174D | | 50 gpd | | | | |
| February 13, 2007 | John Berman Dr., replaced service wye STA 1+25 (043-086 to 043-085A) see Photo 173A & 173B | | 50 gpd | | | | |
| Quarter 2007 | | | | | | | |

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City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

| Annual Quarter | Dates Work Performed | Description of Work | Infiltration Removed | Flow in gallons per day | | Exfiltration Source |
|------------------------|-------------------------|--|-------------------------|-------------------------|--------------------------|------------------------|
| | | | | Inflow Removed | Total I/I per quarter | |
| 1st | February 8, 2007 | John Berman Dr., replaced 6' of 10" PVC STA 0+86 (043-086 to 043-085A) see Photo 172A & 172B | 20 gpd | | | |
| | February 7, 2007 | Anawan St., replaced 4' of 8" PVC & service wye STA 1+82 (043-079 to 043-078) see Photo 171A & 171B | 20 gpd | | | |
| | February 6, 2007 | Anawan St., replaced 7' of 8" PVC STA 1+11 (043-079 to 043-078) see Photo 170A & 170B | | | | |
| | February 5, 2007 | Annis Ave., replaced 13' of 8" PVC & 9' of 10" PVC see Photo 169A | 30 gpd | | | |
| | February 2, 2007 | Anawan St., replaced 5' of 8" PVC STA 0+66 (043-079 to 043-078) see Photo 168A & 168B | 25 gpd | | | |
| | February 1, 2007 | Anawan St., replaced 20' of 8" PVC & service wye STA 0+33 to 0+47 (043-079A to 043-079) see Photo 167A & 167B | 25 gpd | | | |
| | January 30, 2007 | Anawan St., replaced 3' of 8" PVC STA 1+08 (043-079A to 043-079) see Photo 166A & 166B | 2,000 gpd | | | |
| | January 29, 2007 | Almon Ave., replaced 3' of 8" PVC STA 1+76 (032-072 to 032-071) see Photo 165A & 165B | 2,880 gpd | | | |
| | January 5, 2007 | Herrod Ave., replaced service wye STA 0+93 (037-124A to 037-124) see Photo 164A & 164B | 1,080 gpd | | | |
| | January 4, 2007 | N. Manchester St., service wye STA 1+10 (042-004A to 042-004B) see Photo 163A & 163B | | | 5,620 gpd | |
| 4th | December 1, 2006 | P4: Auburn Street, replaced 274.60' of 8" pipe (063-002 to 063-001A) | 0 gpd | | | |
| | December 1, 2006 | P4: Auburn Street, replaced 277.50' of 8" pipe (063-001A to 063-001) | 0 gpd | | | |
| | November 2006 | Design: East Ashland Street, replaced 130' of 12" pipe (040-019 to 040-028) | 2,881 gpd | | | |
| | November 2006 | Design: East Ashland Street, replaced 330' of 12" pipe (040-018 to 040-019) | 36,000 gpd | | | |
| | November 2006 | Design: East Ashland Street, replaced 203' of 12" pipe (040-017 to 040-018) | 5,760 gpd | | | |
| | November 2006 | Design: East Ashland Street, replaced 252' of 12" pipe (040-016 to 040-017) | 5,040 gpd | | | |
| | October 16, 2006 | P4: Burton Ave, replaced 294' of 8" pipe (060-007B to 060-007A) | 6,142 gpd | | | |
| | October 16, 2006 | P4: Burton Ave, replaced 166' of 8" pipe (060-007A to 060-007C) | 0 gpd | | | |
| | December 18, 2006 | Rutland St., replaced 3' of 6" pipe & service wye STA 2+48 (037-123 to 037-121A) see Photo 162A & 162B | 672 gpd | | | |
| | December 12, 2006 | Calvin Street, replaced service wye STA 0+85 (031-031 to 031-030) see Photo 161A & 161B | 1,260 gpd | | | |
| | December 11, 2006 | Calvin Street, replaced 6' of 8" PVC STA 0+31 (031-031 to 031-030) see Photo 160A & 160B | 180 gpd | | | |
| | November 29, 2006 | N. Manchester St., replaced 3' of 8" PVC & service wye STA 1+30 (042-004A to 042-004B) see Photo 159A & 159B | 432 gpd | | | |
| | November 28, 2006 | N. Manchester St., replaced 6' of 8" PVC & service wye STA 0+71 (042-004A to 042-004B) see Photo 158A | 432 gpd | | | |
| | November 27, 2006 | N. Manchester St., replaced 8' of 8" PVC & service wye STA 2+00 (042-004A to 042-004B) see Photo 157A & 157B | 261 gpd | | | |
| | October 23, 2006 | Vine Street, replaced 4' of 8" VC STA 1+46 (037-101 to 037-100) see Photo 156A & 156B | 360 gpd | | 59,420 gpd | |
| 3rd | September 9, 2006 | Keith Avenue, replaced 5' of 8" PVC STA 0+34 (024-039A to 024-039) see Photo 155A | | | | |
| | May 9, 2006 | Upland Road, replaced 3' of 8" PVC STA 0+87 (037-091 to 037-090) see Photos 154A & 154B | 1,500 gpd | | | |
| | May 11, 2006 | Rutland Avenue, replaced 8" pipe and service wye STA 2+33 (037-121A to 037-122) see Photos 153A & 153B | 720 gpd | | | |
| | May 10, 2006 | Rutland Avenue, replaced 4' of 8" PVC STA 1+34 to 1+38 (037-121A to 037-122) see Photos 152A & 152B | 720 gpd | | | |
| | May 18, 2006 | Rutland Avenue, replaced 4' of 8" PVC STA 2+74 (037-121A to 037-122) see Photo 151A | 540 gpd | | | |
| | May 17, 2006 | Rutland Avenue, replaced 4' of 8" PVC STA 2+87 (037-121A to 037-122) see Photos 150A & 150B | 540 gpd | | | |
| | May 16, 2006 | Rutland Avenue, replaced 4' of 8" PVC STA 0+15 (037-121A to 037-122) see Photos 149A & 149B | 540 gpd | | | |
| | July 19, 2006 | Oak Street, replaced service connection STA 2+05 (037-136 to 037-135) see Photos 148A & 148B | 2,400 gpd | | | |
| | July 20, 2006 | Oak Street, replaced 8" pipe service wye STA 2+85 (037-136 to 037-135) see Photos 147A & 147B | 1,200 gpd | | | |
| | July 25, 2006 | Oak Street, replaced 8" pipe and two service tees PVC STA 1+72 (037-135 to 037-134) see Photos 146A & 146B | 2,500 gpd | | | |
| | August 3, 2006 | Oak Street, replaced 8" pipe and service tee STA 0+15 (037-134 to 037-133) see Photos 145A & 145B | 1,200 gpd | | | |
| | August 7, 2006 | Oak Street, replaced pipe and service wyes STA 0+42 (037-134 to 037-133) see Photos 144A & 144B | 1,440 gpd | | | |
| | August 8, 2006 | Oak Street, replaced 8" pipe and service wye STA 2+08 (037-133 to 037-132) see Photos 143A & 143B | 720 gpd | | 14,020 gpd | |
| 2nd Quarter 2006 | May 1, 2006 | Upland Rd., repl 2' of 8" pipe and 8"X8" sleeve STA 2+45 to 2+47 (037-091 to 037-090) see Photos 142A & 142B | 320 gpd | | | |
| | April 25, 2006 | Orchard Ave., replaced 6' of 8" pipe STA 0+83 to 0+87 (037-130 to 037-129) see Photos 141A & 141B | 180 gpd | | 500 gpd | |
| | March 21, 2006 | Pomona Dr., replaced 17.5' of 6" pipe and 6"X6" sleeve (045-032G to 045-032J) see Photos 140A & 140B | | | | |
| | March 6, 2006 | Main St. behind Shaws, 5' of 10" pipe STA 0+47 to 0+52 (034-12A to 034-012) see Photos 137A to 137B | | | | |
| | February 28, 2006 | Main St. behind Shaws, 5' of 10" pipe STA 0+21 to 0+26 (034-12A to 034-012) see Photos 136A & 136B | | | | |
| | February 27, 2006 | K-Mart Parking, replaced 6' of 8" pipe STA 0+36 to 0+42 (034-012K to 034-012J) see Photo 138A | 1,440 gpd | | | |
| | February 7, 2006 | E. Main St., replaced 5' of 8" pipe STA 2+70 to 2+74 (037-087 to 037-086) see Photos 133A & 133B | | | | |
| | February 6, 2006 | E. Main St., replaced 3' of 8" STA 2+25 to 2+28 (037-087 to 037-086) see Photos 132A & 132B | | | | |
| | February 2, 2006 | P5: Menlo Ave, lined 256.3' of 8" pipe (025-029 to 025-026) | 15,750 gpd | | | |
| | February 1, 2006 | P5: Geralyn Dr. Easement, lined 186' of 10" pipe (067-043 to 067-042) | 1,275 gpd | | | |
| | February 1, 2006 | P5: Easement across Cross Pond, lined 388' of 18" pipe (007-125 to 007-126) | | | | |
| | January 31, 2006 | P5: Boulders Apartments., lined 241' of 8" pipe (045-037E to 045-037D) | 2,520 gpd | | | |
| | January 31, 2006 | P5: Boulders Apartments., lined 150' of 8" pipe (045-037D to 045-037C) | 1,440 gpd | | | |

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

| Annual Quarter | Dates Work Performed | Description of Work | Infiltration Removed | Flow in gallons per day | | | Exfiltration Source |
|-------------------|-------------------------|---|-------------------------|-------------------------|--------------------------|--|------------------------|
| | | | | Inflow Removed | Total I/I per quarter | | |
| 1st Quarter 2006 | January 31, 2006 | P5: E. Ashland St., lined 153.5' of 15" pipe (045-033 to 045-032) | 7,200 gpd | | | | |
| | January 31, 2006 | P5: E. Ashland St., lined 102.5' of 15" pipe (045-032 to 045-031) | 2,880 gpd | | | | |
| | January 30, 2006 | P5: Toby Rd., lined 127.5' of 8" pipe (045-034B to 045-033A) | 1,440 gpd | | | | |
| | January 30, 2006 | P5: Toby Rd., lined 16.2' of 8" pipe (045-034A to 045-034B) | | | | | |
| | January 30, 2006 | P5: Toby Rd., lined 116.3' of 8" pipe (045-034C to 045-034A) | | | | | |
| | January 30, 2006 | P5: Toby Rd., lined 192' of 8" pipe (045-036A to 045-035A) | 2,160 gpd | | | | |
| | January 30, 2006 | P5: Toby Rd., lined 53' of 8" pipe (045-035A to 045-034C) | 180 gpd | | | | |
| | January 30, 2006 | P5: Pleasant St., lined 399.5' of 10" pipe (017-065 to 017-062) | 40,320 gpd | | | | |
| | January 27, 2006 | P5: Dover St., lined 451.6' of 10" pipe (018-017 to 018-016A) | 6,099 gpd | | | | |
| | January 27, 2006 | P5: Belmont Ave., lined 77.3' of 10" pipe (017-011F to 017-041C) | | | | | |
| | January 26, 2006 | P5: No. Warren Ave., lined 271.4' of 10" pipe (019-027 to 019-024) | | | | | |
| | January 26, 2006 | P5: No. Warren Ave., lined 247.2' of 10" pipe (019-028 to 019-027) | | | | | |
| | January 26, 2006 | P5: No. Warren Ave., lined 200.8' of 10" pipe (019-031 to 019-028) | 360 gpd | | | | |
| | January 26, 2006 | P5: Warren Ave., lined 232.3' of 8" pipe (018-016 to 018-017A) | 22,800 gpd | | | | |
| | January 24, 2006 | P5: Center St., lined 353.5' of 10" pipe (019-071 to 019-072) | | | | | |
| | January 24, 2006 | P5: Center St., lined 145.5' of 10" pipe (019-065 to 019-071) | 11,520 gpd | | | | |
| | January 24, 2006 | P5: Center St., lined 143' of 10" pipe (019-037B to 019-065) | 720 gpd | | | | |
| | January 24, 2006 | P5: Forest Rd., lined 208' of 8" pipe (018-020A to 018-018A) | 2,160 gpd | | | | |
| | January 24, 2006 | P5: Forest Rd., lined 325.6' of 8" pipe (018-018A to 018-018B) | 12,960 gpd | | | | |
| | January 20, 2006 | P5: Edward St., lined 212.5' of 8" pipe (047-054 to 047-055) | 720 gpd | | | | |
| | January 20, 2006 | P5: Sharon St., lined 150.3' of 8" pipe (047-054 to 047-053) | 11,520 gpd | | | | |
| | January 20, 2006 | P5: Sharon St., lined 92.2' of 8" pipe (047-053 to 047-052) | | | | | |
| | January 20, 2006 | P5: Sharon St., lined 111.5' of 8" pipe (047-051 to 047-052) | 540 gpd | | | | |
| | January 19, 2006 | P5: Skinner St., lined 415.5' of 8" pipe (055-047 to 055-046) | | | | | |
| | January 19, 2006 | P5: South Fuller St., lined 276' of 10" pipe (018-016B to 018-016A) | 1,275 gpd | | | | |
| | January 19, 2006 | Oakside Ave., replaced 4' of 8" pipe STA 0+73 to 0+77 (033-025 to 033-024) see Photos 134A & 134B | | | | | |
| | January 18, 2006 | P5: Lyon Ave., lined 279' of 8" pipe (066-053 to 066-052) | 360 gpd | | | | |
| | January 18, 2006 | P5: Sharon St., lined 275.3' of 8" pipe (047-051 to 047-050) | 4,320 gpd | | | | |
| | January 18, 2006 | P5: Sharon St., lined 300' of 8" pipe (047-050 to 047-049A) | | | | | |
| | January 18, 2006 | P5: Sharon St., lined 200.3' of 8" pipe (047-049A to 047-049) | 2,880 gpd | | | | |
| | January 17, 2006 | P5: Main St., lined 321.5' of 8" pipe (066-044 to 066-043) | 135 gpd | | | | |
| | January 17, 2006 | P5: Annadea Rd., lined 302.5' of 8" pipe (047-006A to 047-005B) | 2,880 gpd | | | | |
| | January 17, 2006 | P5: Annadea Rd., lined 115.5' of 8" pipe (047-005B to 047-004A) | | | | | |
| | January 16, 2006 | P5: Skinner St., lined 148.3' of 8" pipe (055-048 to 055-049) | 10,975 gpd | | | | |
| | January 16, 2006 | P5: Skinner St., lined 75.5' of 8" pipe (055-048 to 055-046) | 410 gpd | | | | |
| | January 13, 2006 | P5: Maplewood Cir., lined 230.9' of 8" pipe (045-021 to 045-022) | 1,440 gpd | | | | |
| | January 13, 2006 | P5: Maplewood Cir., lined 247.5' of 8" pipe (045-021 to 045-020) | 2,880 gpd | | | | |
| | January 13, 2006 | P5: Joslyn Ln., lined 113.5' of 8" pipe (019-073 to 019-074) | 90 gpd | | | | |
| | January 13, 2006 | P5: Joslyn Ln., lined 113.5' of 8" pipe (019-072 to 019-073) | 90 gpd | | | | |
| | January 12, 2006 | P5: Cristo's Way, lined 370.9' of 8" pipe (048-051 to 048-050) | 11,620 gpd | | | | |
| | January 12, 2006 | P5: Cristo's Way, lined 300.5' of 8" pipe (048-050 to 048-042) | 764 gpd | | | | |
| | January 12, 2006 | P5: Woodland Ave., lined 391' of 8" pipe (035-107 to 035-106) | 2,760 gpd | | | | |
| | January 12, 2006 | P5: Woodland Ave., lined 263' of 8" pipe (035-109 to 035-107) | 69,120 gpd | | | | |
| | January 12, 2006 | Oakside Ave., replaced 5' of 8" pipe STA 1+45 to 1+50 (033-026 to 033-025) see Photos 135A & 135B | | | | | |
| | January 11, 2006 | P5: Maplewood Cir., lined 276' of 8" pipe (045-020 to 045-019A) | 1,440 gpd | | | | |
| | January 11, 2006 | P5: Maplewood Cir., lined 197' of 8" pipe (045-019 to 045-019A) | 1,080 gpd | | | | |
| | January 11, 2006 | P5: Maplewood Cir., lined 201.5' of 8" pipe (045-017 to 045-019) | 2,880 gpd | | | | |
| | January 11, 2006 | P5: Camden Ave., lined 198.5' of 8" pipe (020-060C to 020-060B) | 12,960 gpd | | | | |
| | January 11, 2006 | P5: Camden Ave., lined 296.5' of 8" pipe (020-060B to 020-060A) | 2,160 gpd | | | | |
| | January 10, 2006 | P5: Quincy St., lined 251' of 8" pipe (048-053 to 048-054) | 410 gpd | | | | |
| | January 10, 2006 | P5: Beaumont Ave., lined 101' of 8" pipe (048-052 to 048-053) | 107 gpd | | | | |
| | January 10, 2006 | P5: Beaumont Ave., lined 149' of 8" pipe (048-051 to 048-052) | 107 gpd | | | | |
| | January 10, 2006 | P5: Hampton Ave., lined 417' of 8" pipe (035-108 to 035-107) | 177 gpd | | | | |

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

| Annual Quarter | Dates Work Performed | Description of Work | Flow in gallons per day | | | Exfiltration Source |
|---------------------|-------------------------|--|-------------------------|-------------------|--------------------------|------------------------|
| | | | Infiltration Removed | Inflow Removed | Total I/I per quarter | |
| 4th Quarter 2005 | January 9, 2006 | P5: Plain St., lined 286.7' of 8" pipe (066-090 to 066-089A) | 5,000 gpd | | | |
| | January 4, 2006 | Jane Ter., replaced 3' of 6" pipe STA 1+57 to 1+60 (033-022 to 033-021) see Photos 139A & 139B | 1,440 gpd | | 285,764 gpd | |
| | Oct - Nov 2005 | P5: Rehabilitation of 117 manholes | 94,608 gpd | | | |
| | December 22, 2005 | P5: Main Street, lined 277' of 8" pipe (066-042 to 066-041) | | | | |
| | December 22, 2005 | P5: Main Street, lined 248.5' of 8" pipe (066-043 to 066-042) | 11,520 gpd | | | |
| | December 21, 2005 | P5: Quincy Street, lined 273.7' of 8" pipe (048-056 to 048-055) | 3,610 gpd | | | |
| | December 21, 2005 | P5: Quincy Street, lined 279.2' of 8" pipe (048-055 to 048-053) | 4,350 gpd | | | |
| | December 20, 2005 | P5: Manomet Street, lined 277.45' of 8" pipe (020-053 to 020-054) | 2,520 gpd | | | |
| | December 19, 2005 | P5: Theresa Road, lined 232.1' of 8" pipe (067-065 to 067-066) | 117 gpd | | | |
| | December 15, 2005 | P5: Ash Street, lined 206.2' of 8" pipe (017-026 to 017-024) | 1,620 gpd | | | |
| | December 15, 2005 | P5: Ellsworth Street, lined 235.8' of 8" pipe (017-024 to 017-022) | 4,320 gpd | | | |
| | December 14, 2005 | P5: Spring Street, lined 210.6' of 8" pipe (017-043 to 017-053) | 13,680 gpd | | | |
| | December 14, 2005 | P5: Highland Terrace, lined 228.6' of 8" pipe (017-050 to 017-043) | 7,560 gpd | | | |
| | December 13, 2005 | P5: No. Quincy Street, lined 34' of 8" pipe (049-105 to 049-105A) | 102 gpd | | | |
| | December 13, 2005 | P5: No. Quincy Street, lined 314' of 8" pipe (049-106 to 049-105) | 4,500 gpd | | | |
| | December 13, 2005 | P5: No. Quincy Street, lined 285' of 8" pipe (049-108 to 049-106) | 7,200 gpd | | | |
| | December 12, 2005 | P5: Moraine Street, lined 335.05' of 8" pipe (017-066 to 017-065) | 2,160 gpd | | | |
| | December 7, 2005 | P5: Main Street, lined 327' of 8" pipe (066-045 to 066-044) | 2,700 gpd | | | |
| | December 7, 2005 | P5: Main Street, lined 304.7' of 8" pipe (066-049 to 066-045) | | | | |
| | December 7, 2005 | P5: Main Street, lined 203.4' of 8" pipe (066-052 to 066-049) | 3,600 gpd | | | |
| | December 5, 2005 | P5: Brunswick Street, lined 268.4' of 8" pipe (117-097 to 117-100) | 1,440 gpd | | | |
| | December 1, 2005 | P5: Summer Street, lined 139.65' of 8" pipe (066-083 to 066-079) | 5,760 gpd | | | |
| | December 1, 2005 | P5: Summer Street, lined 54.3' of 8" pipe (066-083 to 066-084) | | | | |
| | December 1, 2005 | P5: Summer Street, lined 174.45' of 8" pipe (066-084 to 066-085) | 1,080 gpd | | | |
| | December 1, 2005 | P5: Summer Street, lined 215.2' of 8" pipe (066-085 to 066-086) | | | | |
| | November 30, 2005 | P5: Pleasant Street, lined 152' of 8" pipe (017-162 to 017-160B) | 1,080 gpd | | | |
| | November 30, 2005 | P5: Pleasant Street, lined 308.3' of 8" pipe (017-160B to 017-160A) | 8,460 gpd | | | |
| | November 30, 2005 | P5: Pleasant Street, lined 307.7' of 8" pipe (017-160A to 017-160) | | | | |
| | November 29, 2005 | P5: Prospect Avenue, lined 308.05' of 8" pipe (017-114 to 017-113) | 4,320 gpd | | | |
| | November 28, 2005 | P5: Cross Country (off E. Ashland), lined 195.3' of 15" pipe (045-034 to 045-035) | 1,382 gpd | | | |
| | November 28, 2005 | P5: Cross Country (off E. Ashland), lined 207.4' of 15" pipe (045-033 to 045-034) | 1,473 gpd | | | |
| | November 18, 2005 | P5: No. Quincy Street, lined 70.15' of 8" pipe (049-102 to 049-102A) | 107 gpd | | | |
| | November 18, 2005 | P5: No. Quincy Street, lined 275.45' of 8" pipe (049-103 to 049-102) | 4,380 gpd | | | |
| | November 18, 2005 | P5: No. Quincy Street, lined 287.2' of 8" pipe (049-104 to 049-103) | 7,250 gpd | | | |
| | November 18, 2005 | P5: No. Quincy Street, lined 326.1' of 8" pipe (049-105A to 049-104) | 7,250 gpd | | | |
| | November 18, 2005 | P5: E. Ashland Street, lined 21' of 12" pipe (040-015 to 040-016) | 8,640 gpd | | | |
| | November 18, 2005 | P5: E. Ashland Street, lined 152' of 12" pipe (040-003B to 040-015) | 6,480 gpd | | | |
| | November 17, 2005 | P5: Easement (between Manomet & Grafton), lined 129.3' of 8" pipe (020-048 to 020-043) | 1,800 gpd | | | |
| | November 17, 2005 | P5: Easement (between Manomet & Grafton), lined 250.7' of 8" pipe (020-049 to 020-048) | 1,800 gpd | | | |
| | November 16, 2005 | P5: No. Quincy Street, lined 295.8' of 8" pipe (045-072 to 045-074) | | | | |
| | November 16, 2005 | P5: No. Quincy Street, lined 301.6' of 8" pipe (045-075 to 045-074) | | | | |
| | November 16, 2005 | P5: No. Quincy Street, lined 239.6' of 8" pipe (045-075 to 045-076) | | | | |
| | November 15, 2005 | P5: Georgene Drive, lined 208.7' of 8" pipe (067-067A to 067-067) | 764 gpd | | | |
| | November 15, 2005 | P5: Georgene Drive, lined 210.35' of 8" pipe (067-069 to 067-067A) | 8,095 gpd | | | |
| | November 14, 2005 | P5: Clinton Street, lined 286.9' of 8" pipe (018-010A to 018-010) | 5,760 gpd | | | |
| | November 10, 2005 | P5: Cross Country, lined 161.45' of 12" pipe (045-017 to 045-016) | 6,808 gpd | | | |
| | November 10, 2005 | P5: Cross Country, lined 155.9' of 12" pipe (045-016 to 045-015) | 6,643 gpd | | | |
| | November 10, 2005 | P5: Cross Country, lined 245.1' of 12" pipe (045-015 to 045-014) | 10,356 gpd | | | |
| | November 10, 2005 | P5: Cross Country, lined 236.85' of 12" pipe (045-014 to 045-013) | 10,068 gpd | | | |
| | November 10, 2005 | P5: Cross Country, lined 224.9' of 12" pipe (045-013 to 045-012A) | 9,325 gpd | | | |
| | November 10, 2005 | P3: High Street, replaced 173.9' of 8" pipe (019-091 to 019-088A) | 360 gpd | | | |
| | November 9, 2005 | Hatchfield Dr, replaced 2' of 8" pipe STA 1+01 to 1+03 (032-055C to 032-055B) see Photo 131A & 131B | 1,440 gpd | | | |
| | November 9, 2005 | P5: Twelfth Avenue, lined 298.7' of 8" pipe (067-033 to 067-031) | 6,873 gpd | | | |

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

| Annual Quarter | Dates Work Performed | Description of Work | Infiltration Removed | Flow in gallons per day | | Exfiltration Source |
|-------------------|-------------------------|---|-------------------------|-------------------------|--------------------------|------------------------|
| | | | | Inflow Removed | Total I/I per quarter | |
| | November 9, 2005 | P5: Twelfth Avenue, lined 297' of 8" pipe (067-034 to 067-033) | 6,873 gpd | | | |
| | November 9, 2005 | P5: Twelfth Avenue, lined 191.3' of 8" pipe (067-035 to 067-034) | 3,254 gpd | | | |
| | November 8, 2005 | P5: Carleton Street, lined 407.1' of 8" pipe (017-127 to 017-088) | | | | |
| | November 7, 2005 | P5: Plain Street, lined 349.1' of 8" pipe (067-065 to 067-067) | 764 gpd | | | |
| | November 4, 2005 | P5: Augusta Avenue, lined 270.8' of 8" pipe (017-110 to 017-074) | 2,160 gpd | | | |
| | November 2, 2005 | P5: Hamilton Street, lined 273.7' of 8" pipe (117-097 to 117-099) | 2,940 gpd | | | |
| | November 2, 2005 | P5: Hamilton Street, lined 275.8' of 8" pipe (117-098 to 117-099) | 1,440 gpd | | | |
| | November 2, 2005 | P5: Boulders Apartments, lined 304.9' of 8" pipe (045-037E to 045-037G) | 4,583 gpd | | | |
| | November 2, 2005 | P5: No. Quincy Street, lined 292.4' of 8" pipe (049-109 to 049-108) | 5,050 gpd | | | |
| | November 2, 2005 | P5: No. Quincy Street, lined 337.1' of 8" pipe (049-109 to 049-110) | | | | |
| | November 2, 2005 | P5: Bedford Street, lined 347.65' of 8" pipe (045-047 to 045-048) | | | | |
| | November 2, 2005 | P5: Bedford Street, lined 158.8' of 8" pipe (045-047 to 045-046) | | | | |
| | November 2, 2005 | P5: Manomet Street, lined 149.85' of 8" pipe (020-061 to 020-060) | 3,960 gpd | | | |
| | November 2, 2005 | P5: Manomet Street, lined 136.1' of 8" pipe (020-066 to 020-065) | 180 gpd | | | |
| | November 2, 2005 | P5: Manomet Street, lined 267.1' of 8" pipe (020-065 to 020-061) | 315 gpd | | | |
| | November 2, 2005 | P5: Anania Terrace, lined 388.4' of 8" pipe (020-067 to 020-065) | 14,400 gpd | | | |
| | November 2, 2005 | P5: Loucraft Avenue, lined 310.4' of 8" pipe (019-043 to 019-042) | | | | |
| | November 2, 2005 | P5: Maplewood Cir., lined 242.8' of 10" pipe (045-031A to 045-033B) | 21,600 gpd | | | |
| | November 2, 2005 | P5: Maplewood Cir., lined 152.1' of 10" pipe (045-031A to 045-030A) | 4,320 gpd | | | |
| | November 2, 2005 | P5: Maplewood Cir., lined 90' of 10" pipe (045-029A to 045-030A) | 1,440 gpd | | | |
| | November 2, 2005 | P5: Maplewood Cir., lined 308.3' of 10" pipe (045-029A to 045-028) | 5,040 gpd | | | |
| | October 19, 2005 | P5: Pomona Drive, lined 279.5' of pipe (045-032A to 045-032B) | | | | |
| | October 19, 2005 | P5: Pomona Drive, lined 105.4' of pipe (045-032A to 045-032G) | 2,800 gpd | | | |
| | October 19, 2005 | P5: Pomona Drive, lined 213.5' of pipe (045-032H to 045-032G) | 360 gpd | | | |
| | October 19, 2005 | P5: Pomona Drive, lined 118.6' of pipe (045-032H to 045-032I) | 720 gpd | | | |
| | October 19, 2005 | P5: Pomona Drive, lined 47.3' of pipe (045-032C to 045-032B) | | | | |
| | October 19, 2005 | P5: Oberline Road, lined 319.6' of pipe (045-032B to 045-032D) | | | | |
| | October 19, 2005 | P5: Annadea Road, lined 297.9' of 8" pipe (047-007A to 047-006A) | 3,600 gpd | | | |
| | October 19, 2005 | P5: Annadea Road, lined 227.9' of 8" pipe (047-007A to 047-008A) | 1,080 gpd | | | |
| | October 19, 2005 | P5: Annadea Road, lined 221.3' of 8" pipe (047-009A to 047-008A) | 1,448 gpd | | | |
| | October 19, 2005 | P5: Court Street, lined 422.65' of 8" pipe (047-061 to 047-063) | 4,320 gpd | | | |
| | October 19, 2005 | P5: Court Street, lined 245.3' of 8" pipe (047-061 to 047-020) | 1,080 gpd | | | |
| | October 17, 2005 | P5: Charline Drive, lined 57.15' of 8" pipe (047-062 to 047-062A) | | | | |
| | October 17, 2005 | P5: Charline Drive, lined 336.6' of 8" pipe (047-061 to 047-062) | 2,700 gpd | | | |
| | October 13, 2005 | P5: Pomona Drive, lined 243.3' of pipe (045-032 to 045-032A) | 3,600 gpd | | | |
| | October 12, 2005 | P5: Bark Circle, lined 238' of 8" pipe (045-083 to 045-084) | | | | |
| | October 12, 2005 | P5: Bark Circle, lined 205.4' of 8" pipe (045-083 to 045-082) | | | | |
| | October 11, 2005 | P3: Lincoln Street, replaced 205.2' of 10" pipe (019-103A to 019-103B) | 2,160 gpd | | | |
| | October 11, 2005 | P3: Lincoln Street, replaced 126.3' of 10" pipe (019-103B to 019-103C) | | | | |
| | October 11, 2005 | P3: Lincoln Street, replaced 59.9' of 10" pipe (019-103C to 019-103D) | | | | |
| | October 11, 2005 | P3: Lincoln Street, replaced 94.1' of 10" pipe (019-103D to 019-103E) | | | | |
| | October 11, 2005 | P3: Lincoln Street, replaced 134.1' of 10" pipe (019-103E to 019-103F) | | | | |
| | October 11, 2005 | P3: School St, replaced 294' of 10" pipe (019-088 to 019-103B) | 720 gpd | | 396,268 gpd | |
| | Sept. 27 - 28, 2005 | P5: Rehabilitation of 7 manholes | 5,760 gpd | | | |
| | September 23, 2005 | Van Cliff, replaced 8" pipe STA 3+00 to 3+05 (032-053 to 032-052) see Photos 127A & 127B | | | | |
| | September 21, 2005 | Marie Ave., replaced 8" pipe STA 2+70 to 2+89 (050-065 to 050-065B) see Photos 129A & 129B | 2,880 gpd | | | |
| | September 21, 2005 | Marie Ave., replaced 6' of 8" pipe STA 2+20 to 2+26 (050-066 to 050-067) see Photo 130A & 130B | 1,440 gpd | | | |
| | September 20, 2005 | Budd Ave., replaced 8" pipe STA 1+50 to 1+55 (053-062 to 053-063) see Photos 128A & 128B | 7,200 gpd | | | |
| | September 16, 2005 | P3: Green St., replaced 275' of 6" pipe (019-025 to 019-024) | 1,440 gpd | | | |
| | September 12, 2005 | Van Cliff, replaced 8" pipe STA 1+65 to 1+69 (032-053 to 032-052) see Photos 126A & 126B | | | | |
| | September 6, 2005 | P3: N. Warren Ave., replaced 365' of 8" pipe (019-042 to 019-040) | | | | |
| | September 6, 2005 | P3: N. Warren Ave., replaced 157' of 8" pipe (019-044 to 019-042) | 6,840 gpd | | | |

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

| Annual Quarter | Dates Work Performed | Description of Work | Infiltration Removed | Flow in gallons per day | | |
|-------------------|-------------------------|---|-------------------------|-------------------------|--------------------------|------------------------|
| | | | | Inflow Removed | Total I/I per quarter | Exfiltration Source |
| 3rd Quarter 2005 | August 31, 2005 | P2: Bartlett St., replaced 19.5' of 30" pipe (018-051B to 018-051) | | | | |
| | August 31, 2005 | P2: Chester Ave., replaced 18' of 18" pipe (018-051A to 018-051) | | | | |
| | August 31, 2005 | P2: Chester Ave., replaced 19.5' of 18" pipe (018-051B to 018-056) | | | | |
| | August 31, 2005 | P2: Chester Ave., replaced 89.5' of 18" pipe (018-056 to 018-056B) | | | | |
| | August 25, 2005 | West St., replaced 4' of 10" sewer pipe STA 1+29 to 1+33 (014-077 to 014-078) | 1,440 gpd | | | |
| | August 23, 2005 | P3: Roan Crt., replaced 286' of 8" pipe (019-041 to 019-040) | | | | |
| | August 19, 2005 | Roan Court, removed water & sewer service cross connection @ abandoned lot (019-040 to 019-041) | 21,600 gpd | | | |
| | August 11, 2005 | Rockland St., replaced service wye at STA 1+70 (031-088 to 031-093) see Photos 122A & 122B | | | | |
| | August 10, 2005 | Rockland St., replaced wye & pipe STA 0+84 - 0+89 (031-087 to 031-086) see Photos 123A & 123B | | | | |
| | August 10, 2005 | Windsor Cir., replaced 8" pipe STA 1+55 to 1+60 (031-090 to 031-089) see Photos 124A & 124B | 5,760 gpd | | | |
| | August 8, 2005 | Rockland St., replaced 8" pipe STA 0+00 to 0+05 (031-088 to 031-093) see Photos 121A & 121B | | | | |
| | August 8, 2005 | Chester Ave., replaced sewer manhole with underdrain connection (018-056) see Photos 119A | 14,400 gpd | | | |
| | August 5, 2005 | Adams St., replaced 8' of 8" pipe (053-097 to 053-096) see Photo 120A and 120B | 7,200 gpd | | | |
| | August 5, 2005 | P3: Plain St., replaced 210.6' of 10" pipe (066-082A to 066-082) | | | | |
| | August 5, 2005 | P3: Plain St., replaced 320.1' of 15" pipe (066-078 to 066-079) | | | | |
| | August 5, 2005 | P3: Plain St., replaced 265' of 15" pipe (066-080 to 066-079) | | | | |
| | August 5, 2005 | P3: Plain St., replaced 229' of 15" pipe (066-080 to 066-081) | | | | |
| | August 5, 2005 | P3: Plain St., replaced 254' of 15" pipe (066-081 to 066-082) | | | | |
| | July 19, 2005 | Calvin St., replaced service wye at STA 0+30 (031-031 to 031-030) see Photos 125A & 125B | | | | |
| | July 15, 2005 | Calvin St., replaced 4' of 8" pipe STA 1+54 to 1+58 (031-031 to 031-030) | 2,880 gpd | | 78,840 gpd | |
| 2nd Quarter 2005 | June 17, 2005 | P3: Otis St., replaced 223' of 8" pipe (055-043 to 055-042B) | 410 gpd | | | |
| | May 30, 2005 | Forest Ave., replaced pipe (021-032 to 021-031) see Photos 116A & 116B | | | | |
| | May 17, 2005 | Carrol Ave., replaced service wye STA 1+06 (025-021B to 025-021A) see Photos 115A & 115B | 720 gpd | | | |
| | May 16, 2005 | P3: Appleby St., replaced 283' of 10" pipe (067-015 to 067-028) | 760 gpd | | | |
| | May 12, 2005 | P3: Armistion St., replaced 334' of 10" pipe (045-060 to 045-059) | 8,640 gpd | | | |
| | May 12, 2005 | P3: Armistion St., replaced 336' of 10" pipe (045-061 to 045-060) | 4,320 gpd | | | |
| | May 11, 2005 | P3: Twelfth Ave., replaced 300' of 8" pipe (067-031 to 067-028) | 570 gpd | | | |
| | May 11, 2005 | Carrol Ave., replaced service wye STA 0+59 (025-021B to 025-021A) see Photos 118A & 118B | 1,440 gpd | | | |
| | May 10, 2005 | Carrol Ave., replaced pipe STA 1+42 to 1+47 (025-021A to 025-021C) see Photos 117A & 117B | | | | |
| | May 6, 2005 | P3: Twelfth Ave., replaced 225' of 10" pipe (067-028 to 067-027) | 8,990 gpd | | | |
| | April 28, 2005 | P3: Armistion St., replaced 300' of 8" pipe (045-062 to 045-061) | | | | |
| | April 28, 2005 | P3: Armistion St., replaced 238' of 8" pipe (045-063 to 045-062) | 720 gpd | | | |
| | April 15, 2005 | P3: Pratt St., replaced 207' of 10" pipe (045-064 to 045-065) | 36,000 gpd | | | |
| | April 12, 2005 | P3: Armistion St., replaced 340' of 10" pipe (045-058 to 045-059) | 8,640 gpd | | | |
| | April 12, 2005 | P3: Allerton St., replaced 269' of 10" pipe (045-064 to 045-061) | 30,240 gpd | | 101,450 gpd | |
| | March 26, 2005 | Woodard Ave, replaced 4' of 12" pipe from STA 2+21 to 2+25 (025-103 to 025-102) | 1,440 gpd | | | |
| | March 8, 2005 | Woodard Ave, replaced service wye STA 0+87 (025-003 to 025-002) see Photos 114A & 114B | 1,440 gpd | | | |
| 1st Quarter 2005 | February 16, 2005 | Vesey St., replaced pipe from STA 0+89 to 0+97 (023-028 to 023-027) see Photos 113A & 113B | | | | |
| | February 14, 2005 | Vesey St., replaced service wye at STA 2+11 (023-029 to 023-028) see Photos 112A & 112B | | | | |
| | January 11, 2005 | Hillberg Ave., replaced pipe from STA 0+35 to 0+51 (023-042 to 023-041) see Photos 111A & 111B | 1,440 gpd | | | |
| | January 11, 2005 | Hillberg Ave., replaced pipe from STA 0+78 to 0+94 (023-040A to 023-040) see Photos 107A & 107B | 438 gpd | | 4,758 gpd | |
| | December 21, 2004 | Hillberg Ave., replaced pipe from STA 0+97 to 1+01 (023-044 to 023-043) see Photos 108A & 108B | 1,440 gpd | | | |
| | December 14, 2004 | P2: Silver Rd., replaced 685' of 10" pipe (017-059 to 017-061) | 15,840 gpd | | | |
| | December 14, 2004 | Tremont St., replaced wye & pipe from STA 2+30 to 2+36 (023-016 to 023-014) see Photos 109A & 109B | 1,440 gpd | | | |
| | Dec. 13-30, 2004 | Whitman Interceptor lining, Southfield Dr., East St. to Edison Easement (1,570 ft) | 20,000 gpd | | | |
| | December 13, 2004 | French Ave., replaced pipe from STA 1+13 to 1+25 (023-027 to 023-025) see Photos 110A & 110B | 2,160 gpd | | | |
| | December 3, 2004 | P3: Annadea Rd., replaced 253' of 8" pipe (047-003A to 047-002A) | 2,160 gpd | | | |
| | December 3, 2004 | P3: Edward St., replaced 295' of 8" pipe (047-042 to 047-043) | 8,640 gpd | | | |

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

| Annual Quarter | Dates Work Performed | Description of Work | Infiltration Removed | Flow in gallons per day | | Exfiltration Source |
|-------------------------|-------------------------|---|-------------------------|-------------------------|--------------------------|------------------------|
| | | | | Inflow Removed | Total I/I per quarter | |
| 4th Quarter 2004 | December 3, 2004 | P3: Edward St., replaced 207' of 8" pipe (047-042 to 047-041) | 2,160 gpd | | | |
| | December 3, 2004 | P3: Crane Rd., replaced 301' of 8" pipe (047-15A to 047-14A) | 2,160 gpd | | | |
| | December 3, 2004 | P3: Crane Rd., replaced 297' of 8" pipe (047-016A to 047-015A) | 4,140 gpd | | | |
| | December 3, 2004 | P3: Crane Rd., replaced 197' of 8" pipe (047-017A to 047-016A) | 360 gpd | | | |
| | December 2, 2004 | P3: Twin Oaks, replaced 225' of 8" pipe (047-009A to 047-010B) | 4,320 gpd | | | |
| | December 2, 2004 | P3: Twin Oaks, replaced 300' of 8" pipe (047-011A to 047-009A) | 17,285 gpd | | | |
| | December 2, 2004 | P3: Twin Oaks, replaced 250' of 8" pipe (047-011A to 047-012A) | 5,760 gpd | | | |
| | December 2, 2004 | French Ave., replaced pipe from STA 0+45 to 0+47 (023-027 to 023-025) see Photos 105A & 105B | 1,440 gpd | | | |
| | November 29, 2004 | P2: Belmont Ave., replaced 89' of 8" and 10" pipe (017-011F to 017-011F1) | | | | |
| | November 22, 2004 | P2: Augusta Ave., replaced 763' of 8" and 6" pipe (017-110 to 017-115) | 3,060 gpd | | | |
| | November 16, 2004 | P2: Greenfield St., replaced 456' of 8" and 6" pipe (017-110 to 017-111) | 360 gpd | | | |
| | November 8, 2004 | P2: Spring St., replaced 292' of 8" pipe (017-036 to 017-037) | 7,020 gpd | | | |
| | November 2, 2004 | French Ave., replaced pipe from STA 0+16 to 0+18 (023-027 to 023-025) see Photos 106A & 106B | 4,102 gpd | | | |
| | November 2, 2004 | P2: Poplar Rd., replaced 654' of 8" pipe (017-053 to 017-CAP6) | 13,680 gpd | | | |
| | October 26, 2004 | P2: Brook St. replaced 1,097' of 8" and 10" pipe (018-012A to 018-030) | 5,220 gpd | | | |
| | October 25, 2004 | P2: Green St., replaced 508' of 8" and 10" pipe (017-034 to 017-035) | 11,430 gpd | | | |
| | October 14, 2004 | Myrtle St, replaced pipe STA 0+14 to 0+18 (022-036 to 022-035) see Photos 94A | 4,320 gpd | | | |
| | October 12, 2004 | P2: Newbury St., replaced 528' of 8" and 6" pipe (017-128 to 017-131) | 7,200 gpd | | | |
| | October 4, 2004 | School St, replaced pipe from STA 0+05 to 0+09 (019-103B to 019-103A) see Photos 95A & 95B | 2,160 gpd | | 147,857 gpd | |
| 3rd Quarter 2004 | September 30, 2004 | Lincoln St, capped service STA 2+03 (019-103A to 019-103) see Photos 97A & 97B | | | | |
| | September 30, 2004 | Lincoln St, replaced pipe from STA 0+80 to 0+85 (019-103A to 019-103) see Photos 96A & 96B | 1,440 gpd | | | |
| | September 30, 2004 | P2: Ash St., replaced 299' of 8" pipe (017-038 to 017-039) | 360 gpd | | | |
| | September 24, 2004 | Center St, replaced pipe STA 0+82 to 0+94 (0190-65 to 019-037B) see Photos 99A & 99B | 650 gpd | | | |
| | September 24, 2004 | Center St, replaced service wye STA 1+08 (019-073 to 019-074) see Photos 98A | 1,440 gpd | | | |
| | September 22, 2004 | P2: Boylston St. replaced 561' of 8" pipe (020-054 to 020-056) | 4,320 gpd | | | |
| | September 20, 2004 | High St, replaced pipe from STA 1+15 to 1+21 (019-091 to 019-088A) see Photos 100A & 100B | 1,440 gpd | | | |
| | September 15, 2004 | P2: Camden Ave., replaced 292' of 8" pipe (020-060 to 020-060A) | | | | |
| | September 14, 2004 | Legion PKW, replaced pipe from STA 0+46 to 0+64 (019-076 to 019-090) see Photos 101A & 101B | 4,320 gpd | | | |
| | September 8, 2004 | Legion PKW, replaced pipe from STA 0+96 to 0+98 (019-079 to 019-076) see Photos 102A & 102B | 1,440 gpd | | | |
| | September 8, 2004 | P2: Forest Rd. replaced 218' of 8" pipe (018-20A to 018-021A) | 720 gpd | | | |
| | September 7, 2004 | Center St, replaced service wye STA 0+19 (019-073 to 019-072) see Photos 103A & 103B | | | | |
| 2nd Quarte r 2004 | September 2, 2004 | Packard WY, replaced pipe STA 3+01 to 3+10 (021-004 to 021-003) see Photos 104A | 2,880 gpd | | 19,010 gpd | |
| | | | | | 0 gpd | |
| 1st Quarte r 2004 | | | | | 0 gpd | |
| 4th Quarte r 2003 | Sept 26 - Dec 31, 2003 | Abington removal of 8 sump pumps | | 172,800 | | |
| | | | | | 172,800 gpd | |
| | July 2003 | P1: 002-079 MH rehab | 2,880 gpd | | | |
| | July 2003 | P1: 002-081 MH rehab | 2,880 gpd | | | |
| | July 2003 | P1: 002-098 MH rehab | 4,320 gpd | | | |
| | July 2003 | P1: 002-201 MH rehab | 2,880 gpd | | | |
| | July 2003 | P1: 002-200A MH rehab | 2,880 gpd | | | |
| | August 2003 | P1: 004-006 MH rehab | 5,760 gpd | | | |

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

| Annual Quarter | Dates Work Performed | Description of Work | Infiltration Removed | Flow in gallons per day | | Exfiltration Source |
|-------------------|-------------------------|--|-------------------------|-------------------------|--------------------------|------------------------|
| | | | | Inflow Removed | Total I/I per quarter | |
| 3rd Quarter 2003 | July 2003 | P1: 009-017A MH rehab | 7,200 gpd | | | |
| | July 2003 | P1: 011-001 MH rehab | 5,760 gpd | | | |
| | July 2003 | P1: 011-002 MH rehab | 4,320 gpd | | | |
| | July 2003 | P1: 011-018 MH rehab | 2,880 gpd | | | |
| | August 2003 | P1: 012-067 MH rehab | 2,160 gpd | | | |
| | July 2003 | P1: 012-076 MH rehab | 2,880 gpd | | | |
| | July 2003 | P1: 017-125 MH rehab | 4,320 gpd | | | |
| | August 2003 | P1: 017-054 MH rehab | 7,200 gpd | | | |
| | July 2003 | P1: 021-001 MH rehab | 28,800 gpd | | | |
| | August 2003 | P1: 025-041A MH rehab | 4,320 gpd | | | |
| | July 2003 | P1: 027-068 MH rehab | 2,160 gpd | | | |
| | July 2003 | P1: 031-016 MH rehab | 2,880 gpd | | | |
| | July 2003 | P1: 031-089 MH rehab | 7,200 gpd | | | |
| | July 2003 | P1: 031-050A MH rehab | 7,200 gpd | | | |
| | July 2003 | P1: 032-019 MH rehab | 4,320 gpd | | | |
| | August 2003 | P1: 033-021 MH rehab | 2,880 gpd | | | |
| | August 2003 | P1: 041-079 MH rehab | 7,200 gpd | | | |
| | July 2003 | P1: 045-033 MH rehab | 7,200 gpd | | | |
| | August 2003 | P1: 045-065 MH rehab | 7,200 gpd | | | |
| | July 2003 | P1: 046-113A MH rehab | 2,160 gpd | | | |
| | July 2003 | P1: 047-029 MH rehab | 4,320 gpd | | | |
| | July 2003 | P1: 048-057D MH rehab | 3,600 gpd | | | |
| | July 2003 | P1: 049-091 MH rehab | 2,160 gpd | | | |
| | August 2003 | P1: 052-010 MH rehab | 3,600 gpd | | | |
| | July 2003 | P1: 061-011 MH rehab | 5,040 gpd | | | |
| | July 2003 | P1: 065-021 MH rehab | 7,200 gpd | | | |
| | July 2003 | P1: 065-028 MH rehab | 31,680 gpd | | | |
| | August 2003 | P1: 065-008A MH rehab | 2,160 gpd | | | |
| | August 2003 | P1: 117-088A MH rehab | 4,320 gpd | | | |
| | August 2003 | P1: Pleasant Street 008-010 towards 008-011 65' 8" | 5,900 gpd | | | |
| | August 2003 | P1: Rockland Street 008-013 to 008-012 306' 8" | 25,000 gpd | | | |
| | July 2003 | P1: Belair Street 004-040 to 004-023 116' 15" | 3,600 gpd | | | |
| | July 2003 | P1: Belair Street 004-023 to 004-020, 248' 15" | 15,120 gpd | | | |
| | July 2003 | P1: Belair Street 004-020 to 004-016, 320' 15" | 16,560 gpd | | | |
| | July - Sept. 2003 | Abington removal of 21 sump pumps | | 440,000 gpd | 712,100 gpd | |
| 2nd Quarter 2003 | May 2003 | P1: Belair Street 004-045 to 004-044 280' 15" | 0 gpd | | | |
| | May 2003 | P1: Belair Street 004-044 to 004-042 250' 15" | 0 gpd | | | |
| | April 2003 | P1: Belair Street 004-042 to 004-041 220' 15" | 1,275 gpd | | | |
| | April 2003 | P1: Belair Street 004-041 to 004-040 364' 15" & 18" | 2,880 gpd | | | |
| | June 2003 | P1: North Cary Steet 040-031 to 040-029 164' 12" | 11,520 gpd | | | |
| | June 2003 | P1: North Cary Steet 040-029 to 040-028 353' 12" | 112,320 gpd | | | |
| | April 8, 2003 | P1: Belair Street 004-016 to 017-012A, 415' 15" | 14,400 gpd | | 142,395 gpd | |
| 1st Quarter 2003 | March 20, 2003 | P1: Belair Street 017-012A to 017-011A 55' 15" | 0 gpd | | | |
| | March 10, 2003 | P1: Westgate Drive 007-127F to 007-127Q 196' 12" | 34,560 gpd | | | |
| | February 26, 2003 | P1: Easement off E. Westgate Dr. 007-127D to 007-127C 326' 12" | 30,560 gpd | | | |
| | February 15, 2003 | P1: Easement off E. Westgate Dr. 007-127C to 007-127B 251' 12" | 57,500 gpd | | | |
| er 2002 | February 10, 2003 | P1: Easement off E. Westgate Dr. 007-127B to 007-127 335' 12" | 410 gpd | | 123,030 gpd | |
| | December-02 | P1: Belair Street 017-011A to 017-010B 174' 15" | 26,640 gpd | | | |
| | December-02 | P1: Belair Street 017-010B to 017-011B 98' 15" | 11,520 gpd | | | |
| | November-02 | P1: Belair Street 017-011B to 017-010A 146' 15" | 0 gpd | | | |

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

| Annual Quarter | Dates Work Performed | Description of Work | Infiltration Removed | Flow in gallons per day | | Exfiltration Source |
|-------------------|-------------------------|--|-------------------------|-------------------------|--------------------------|------------------------|
| | | | | Inflow Removed | Total I/I per quarter | |
| 4th Quarter 2001 | November-02 | P1: Belair Street 017-010A to 017-009A, 235' 15" | 2,160 gpd | | | |
| | November-02 | P1: Belair Street 017-009A to 017-001B 209' 15" | 0 gpd | | | |
| | Oct - Dec 2002 | Removal of 138 private sump pumps throughout the city | | 3,008,000 gpd | | |
| | October 3, 2002 | Legion PKW, disconnected private catch basin, STA 0+48 (019-077 to 019-076) see Photo 93A & 93B | | 107,000 gpd | 3,155,320 gpd | |
| 3rd Quarter 2002 | August 20, 2002 | Removed catch basin grate on sewer manhole at end of Thatcher Crt. (MH 058-022) | 100,000 gpd | | | |
| | July 30, 2002 | Ash St., replaced pipe and service from STA 1+22 to 1+56 (017-039 to 017-038) see Photo 92B | 4,320 gpd | | | |
| | July 29, 2002 | S. Fuller St., replaced pipe from STA 0+27 to 0+33 (018-016B to 018-016A) see Photo 90A & 90B | SPL | | | |
| | July 27, 2002 | Dover St., replaced service wye at STA 2+24 (018-017 to 018-016A) see Photo 87A & 87B | 360 gpd | | | |
| | July 25, 2002 | Dover St., replaced service wye at STA 2+40 (018-017 to 018-016A) see Photo 88A | 1,440 gpd | | | |
| | July 24, 2002 | Forest Rd., replaced pipe from STA 0+17 to 0+23 (018-021A to 018-020A) see Photo 91A & 91B | SPL | | | |
| | July 23, 2002 | Dover St., removed service wye at STA 1+18 (018-018B to 018-019C) see Photo 89A & 89B | SPL | | 106,120 gpd | |
| 2nd Quarter 2002 | May 28, 2002 | Spring St., replaced pipe from STA 1+73 to 1+75 (017-038 to 017-037) see Photo 78A & 78B | SPL | | | |
| | May 21, 2002 | Spring St., replaced service wye at STA 1+82 (017-037 to 017-036) see Photo 76A & 76B | 4,320 gpd | | | |
| | May 20, 2002 | Poplar Rd., replaced service wye at STA 0+60 (017-054 to 017-053) see Photo 77A & 77B | 2,880 gpd | | | |
| | May 17, 2002 | Poplar Rd., replaced service wye at STA 0+84 (017-055 to 017-054) see Photo 75A & 75B | 720 gpd | | | |
| | May 13, 2002 | Poplar Rd., replaced service wye at STA 1+22 (017-055 to 017-054) see Photo 85A & 85B | 1,440 gpd | | | |
| | May 9, 2002 | Augusta Ave., replaced pipe from STA 1+08 to 1+12 (017-115 to 017-113) see Photo 84A & 84B | SPL | | | |
| | May 8, 2002 | Prospect Ave., replaced pipe from STA 0+23 to 0+27 (017-114 to 017-113) see Photo 83A & 83B | 4,320 gpd | | | |
| | May 8, 2002 | Hancock Av., replaced pipe from STA 0+47 to 0+49 (009-086 to 009-085A) see Photo 74A & 74B | 720 gpd | | | |
| | May 7, 2002 | Earle St., replaced pipe from STA 2+20 to 2+25 (017-013A to 017-011A) see Photo 82A & 82B | SPL | | | |
| | May 7, 2002 | Earle St., replaced pipe from STA 0+50 to 0+52 (017-013A to 017-011A) see Photo 79A & 79B | SPL | | | |
| | May 6, 2002 | Elm St., replace pipe from STA 0+02 to 0+06 (011-011A to 011-011) see Photo 86A & 86B | 720 gpd | | | |
| | May 2, 2002 | Sunset Dr., replaced pipe from STA 0+00 to 0+05 (011-016 to 011-015) see Photo 81A & 81B | 2,880 gpd | | | |
| | May 1, 2002 | Sunset Dr., replaced pipe from STA 2+72 to 2+77 (011-017 to 011-016) see Photo 80A & 80B | 720 gpd | | 18,720 gpd | |
| 1st Quarter 2002 | March 28, 2002 | Hancock Ave., removed service stub at STA 1+45 (009-087 to 009-086) see Photo 73A & 73B | 200 gpd | | | |
| | March 21, 2002 | Hancock Ave., replaced service wye at STA 1+06 (009-087 to 009-086) see Photo 72A & 72B | 1,440 gpd | | | |
| | March 11, 2002 | Sunset Dr., replaced pipe from STA 1+45 to 1+52 (009-028 to 009-027) see Photo 71A & 71B | 2,880 gpd | | | |
| | March 6, 2002 | Margery Rd., replaced pipe from STA 1+11 to 1+16 (009-024 to 009-025A) see Photo 65A & 65B | 1,440 gpd | | | |
| | March 5, 2002 | Candy Ln., replaced pipe from STA 1+64 to 1+68 (009-021 to 009-020) see Photo 62A & 62B | 100 gpd | | | |
| | March 4, 2002 | Candy Ln., replaced pipe from STA 0+26 to 0+51 (009-020 to 009-019) see Photo 67A & 67B | 1,440 gpd | | | |
| | February 28, 2002 | Candy Ln., removed stub at STA 1+96 (009-021 to 009-020) see Photo 61A & 61B | SPL | | | |
| | February 26, 2002 | Candy Ln., replaced pipe from STA 1+58 to STA 1+64 (009-020 to 009-019) see Photo 63A & 63B | 1,000 gpd | | | |
| | February 25, 2002 | N. Pearl St., replaced pipe from STA 0+15 to STA 0+25 (009-78A to 009-79) see Photo 70A & 70B | 600 gpd | | | |
| | February 21, 2002 | Candy Ln., replaced pipe from STA 0+0 to STA 0+28 (009-021B to 009-021) see Photo 68A & 68B | 200 gpd | | | |
| | February 20, 2002 | Candy Ln., replaced pipe from STA 2+63 to STA 2+68 (009-021 to 009-020) see Photo 69A & 69B | 360 gpd | | | |
| | February 20, 2002 | Candy Ln., replaced pipe from STA 1+09 to STA 1+15 (009-021A to 009-021B) see Photo 64A & 64B | 100 gpd | | | |
| | January 10, 2002 | E. Westgate Dr., replaced pipe from STA 0+48 to STA 0+52 (007-127I to 007-127G) see Photo 66A & 66B | 1,440 gpd | | 11,200 gpd | |
| 4th Quarter 2001 | November 24, 2001 | 203 Prospect St., replaced broken service pipe at STA 0+10 (006-094 to 006-096) | SPL | | | |
| | November 19, 2001 | Candy Lane, replaced pipe from STA 0+10 to 0+14 (009-041 to 009-040) | 1,440 gpd | | | |
| | November 15, 2001 | Candy Ln., replaced pipe from STA 2+31 to 2+37 (009-043 to 009-043A) see Photo 59A & 59B | SPL | | | |
| | November 14, 2001 | Margery Rd., replaced pipe from STA 2+40 to 2+47 (009-042 to 009-041) see Photo 60A & 60B | SPL | | | |
| | November 13, 2001 | Santee Road, replace pipe from STA 2+12 to 2+14 (009-058 to 009-056) see Photo 58A & 58B | SPL | | | |
| | November 13, 2001 | Santee Road, replace pipe from STA 0+77 to 0+80 (009-058 to 009-056) see Photo 57A & 57B | SPL | | | |
| | November 13, 2001 | Santee Road, replace pipe from STA 0+50 to 0+53 (009-058 to 009-056) see Photo 56A & 56B | SPL | | | |
| | October 17, 2001 | 191 Grove St., replaced broken pipe from approx. STA 0+40 to 0+46 (056+011 to 056+010) | SPL | | | |
| | October 9, 2001 | West Street, replaced service wye at STA 0+30 (014-080 to 014-079) see Photo 55A | SPL | | 1,440 gpd | |
| 3rd Quarter 2001 | September 9, 2001 | Fitzpatrick Cir, replaced pipe from STA 0+16 to 0+18 (005-104A to 005-104) see Photo 54B | SPL | | | |
| | August 20, 2001 | Fitzpatrick Cir, replaced service wye at STA 1+32 (005-100 to 005-102) see Photo 52A & 52B | 720 | | | |
| | August 16, 2001 | Fitzpatrick Cir, replaced service wye at STA 0+15 (005-098 to 005-099A) see Photo 48A & 48B | 720 | | | |

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

| Annual Quarter | Dates Work Performed | Description of Work | Flow in gallons per day | | | |
|-------------------|-------------------------|---|-------------------------|-------------------|--------------------------|------------------------|
| | | | Infiltration Removed | Inflow Removed | Total I/I per quarter | Exfiltration Source |
| 3rd Quarter | August 14, 2001 | Fitzpatrick Cir. replaced service wye at STA 0+43 (005-104 to 005-102A) see Photo 53A & 53B | 1,440 | | | |
| | August 13, 2001 | Fitzpatrick Cir. replaced wye & main from STA 1+12 to 1+20 (005-104A to 005-104) see Photo 49A & 49B | 8,640 | | | |
| | August 7, 2001 | Sophia Ave., replaced pipe from STA 2+68 to 2+70 (005-140 to 005-136) see Photo 50A & 50B | SPL | | | |
| | August 3, 2001 | Fitzpatrick Cir. replaced pipe from STA 2+38 to 2+46 (005-100 to 005-102) see Photo 51A & 51B | SPL | | 11,520 gpd | |
| 2nd Quarter 2001 | June 12, 2001 | Oak Ridge Dr., replaced pipe from STA 1+40 to 1+55 (004-084 to 004-080) see Photo 47A & 47B | 4,680 gpd | | | |
| | May 22, 2001 | Crickett Rd., replaced pipe from STA 0+49 to 0+53 (004-057A to 004-053) see Photo 44A & 44B | 7,200 gpd | | | |
| | May 21, 2001 | Crickett Rd., replaced pipe from STA 1+82 to 1+86 (004-057A to 004-053) see Photo 45A & 45B | SPL | | | |
| | May 15, 2001 | Shaws Parking Lot, removed entire 24" pipe (028-038 to 028-039) | SPL | | | |
| | May 15, 2001 | Shaws Parking Lot, replaced entire 8" pipe (028-039 to 038-039A) | SPL | | | |
| | May 10, 2001 | VFW off N. Quincy. repaired service pipe and wye (045-013 to 045-012) see Photo 46A & 46B | 100,000 gpd | | | |
| | May 5, 2001 | 57 Wilder St., house service connected directly to drain pipe was removed see Photo 43 | - | | | X |
| | April 25, 2001 | Berglund Ave., replaced pipe from STA 2+10 to 2+13 (004-021 to 004-020) see Photo 37A & 37B | SPL | | | |
| | April 24, 2001 | Berglund Ave., replaced pipe from STA 1+84 to 1+92 (004-021 to 004-020) see Photo 34A & 34B | SPL | | | |
| | April 23, 2001 | Berglund Ave., replaced service wye at STA 2+35 (004-021 to 004-020) see Photo 36A & 36B | dripping | | | |
| | April 20, 2001 | Benham St., replaced pipe from STA to () see Photo 38A & 38B | ??? | | | |
| | April 19, 2001 | Miller Ave., Replaced pipe from STA to () see Photo 39A & 39B | ??? | | | |
| | April 12, 2001 | Berglund Ave., replaced pipe from STA 1+71 to 1+74 (004-021 to 004-020) see Photo 35A & 35B | SPL | | | |
| | April 10, 2001 | Thompson Ave., replaced pipe from STA 1+03 to 1+07 (004-017 to 004-016) see Photo 41A & 41B | SPL | | | |
| | April 9, 2001 | Thompson Ave., replaced 6 " pipe from STA 0+38 to 0+44 (004-017 to 004-016) see Photo 42A & 42B | SPL | | | |
| | April 2, 2001 | Reservoir Road. replaced service at wye at STA 0+74 (002-104 to 002-103) see Photo 40A & 40B | 1,440 gpd | | 113,320 gpd | |
| 1st Quarter 2001 | March 27, 2001 | Belmont and Ash St., replaced 8" pipe from STA 0+10 to 0+15 (018-072 to 018-073) see Photo 31A & 31B | SPL | | | |
| | March 19, 2001 | Coventry Cir., replaced pipe from STA 0+91 to 0+97 (004-039A to 004-039) see Photo 34A & 34B | SPL | | | |
| | March 16, 2001 | Coventry Cir., replaced pipe from STA 1+49 to 1+54 (004-039B to 004-039A) see Photo 32A & 32B | SPL | | | |
| | March 1, 2001 | Coventry Cir., replaced pipe from STA 0+37 to 0+42 (004-039A to 004-039) see Photo 33A & 33B | 14,400 gpd | | | |
| | February 27, 2001 | Coventry Cir., replaced pipe from STA 0+70 to 0+76 (004-039B to 004-039A) see Photo 30A & 30B | SPL | | | |
| | February 26, 2001 | Coventry Cir., replaced service connection at STA 0+12 (004-039B to 004-039A) see Photo 26A & 26B | 5,760 gpd | | | |
| | February 20, 2001 | Colonel Bell Dr., replaced pipe from STA 2+41 to 2+44 (004-007 to 004-006) see Photo 29A & 29B | 2,880 gpd | | | |
| | February 12, 2001 | Coventry Cir., replaced service connection at STA 1+44 (004-039A to 004-039) see Photo 27A & 27B | 4,320 gpd | | | |
| | February 9, 2001 | Coventry Cir., replaced pipe from STA 1+79 to 1+82 (004-039A to 004-039)) see Photo 28A & 28B | 4,320 gpd | | | |
| | January 30, 2001 | Colonel Bell Dr., replaced service connection at STA 1+16 (004-036 to 004-024) see Photo 22A & 22B | 4,320 gpd | | | |
| | January 29, 2001 | Colonel Bell Dr., removed service wye at STA 1+04 (004-025 to 004-026) see Photo 21A & 21B | SPL | | | |
| | January 31, 2001 | Colonel Bell Dr., removed service wye at STA 0+33 (004-008 to 004-007) see Photo 23A & 23B | SPL | | | |
| | January 23, 2001 | Colonel Bell Dr., replaced pipe from STA 1+34 to 1+37 (004-025 to 004-026) see Photo 25A & 25B | SPL | | | |
| | January 9, 2001 | Colonel Bell Dr., replaced pipe from STA 0+62 to 0+64 (004-004 to 004-003) see Photo 24A & 24B | 2,160 gpd | | 38,160 gpd | |
| | Nov. 30, 2000 | West Haven Dr., replaced service connection at STA 0+44 (001-029 to 001-028) see Photo 12A & 12B | 720 gpd | | | |
| | Nov. 28, 2000 | West Haven Dr., replaced 7' of 8 "pipe. STA 1+85 to 1+92 (001-029 to 001-028) see Photo 20A & 20B | 47 gpd * | | | |
| 4th Quarter 2000 | Nov. 16, 2000 | Elliot St., replaced 8' of broken pipe at house #184 (042-121 to 042-122) see Photo 15A & 15B | 2,880 gpd | | | |
| | Nov. 14, 2000 | Darren Dr., replaced pipe at leaking joint at STA 0+52 (001-028 to 001-026) see Photo 19A & 19B | SPL | | | |
| | October 26, 2000 | Darren Dr., replaced pipe at leaking joint at STA 0+89 (001-028 to 001-026) see Photo 17A & 17B | SPL | | | |
| | October 23, 2000 | Darren Dr., replaced 3 ' of cracked pipe STA 1+65 (001-028 to 001-026) see Photo 18A & 18B | SPL | | | |
| | October 17, 2000 | Darren Dr., replaced 2' of broken pipe at STA 0+08 (001-028 to 001-026) see Photo 16A & 16B | SPL | | | |
| | October 5, 2000 | Perkins Ave., replaced wye at STA 2+96 (063-009B to 063-005) see Photo 13A & 13B | SPL | | | |
| | October 3, 2000 | Perkins Ave., plugged service wye at STA 3+30 (063-009B to 063-005) see Photo 14A & 14B | SPL | | | |
| | Sept. 15, 2000 | Fitzpatrick Circle replaced 7' of 8" VCP | SPL | | 3,647 gpd | |
| er 2000 | August 21, 2000 | Vine St., replaced broken pipe and service STA 0+99 to 1+01 (037-093 TO 037-092) see Photo 8A & 8B | SPL | | | |
| | August 17, 2000 | 12 Orchard Ave., removed service connection at STA 0+79 (037-128 to 037-127) see Photo 9A & 9B | 180 gpd | | | |
| | August 18, 2000 | 14 Orchard Ave., replaced service connection at STA 2+28 (037-128 to 037-127) see Photo 10A & 10B | SPL | | | |
| | July 29, 2000 | Van Cliff Ave., replaced service at STA 0+31 (032-059 to 032-052) | SPL | | | |
| | July 27, 2000 | Paulin Ave., replaced service at STA 0+93 (065-070 to 065-069) see Photo 11A & 11B | 720 gpd | | | |
| | July 26, 2000 | Burrl St., replaced service & broken pipe from STA 2+18 to STA 2+19 (048-051 to 048-050) | 2,160 gpd | | | |

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

| Annual Quarter | Dates Work Performed | Description of Work | Flow in gallons per day | | | |
|-------------------------------|-------------------------|--|-------------------------|-------------------|--------------------------|------------------------|
| | | | Infiltration Removed | Inflow Removed | Total I/I per quarter | Exfiltration Source |
| 3rd Quarter 2000 | July 19, 2000 | Roan Crt., replaced service connections at STA 0+27 & 0+29 (019-041 to 019-040) see Photo 1a & 1b | SPL | | | |
| | July 19, 2000 | Roan Crt., replaced service connection at STA 0+61 (019-041 to 019-040) see Photo 2a & 2b | SPL | | | |
| | July 18, 2000 | Albany St., replaced leaking joints at STA 2+85 (001-019 to 001-018) see Photo 3a & 3b | 2,880 gpd | | | |
| | July 13, 2000 | Stubb Rd., replaced service connection at STA 0+39 (009-026 to 009-024) see Photo 5a & 5b | 360 gpd | | | |
| | July 13, 2000 | Stubb Rd., replaced service connection at STA 1+03 (009-026 to 009-024) see Photo 6a & 6b | 360 gpd | | | |
| | July 12, 2000 | Stubb Rd., replaced broken pipe from STA 0+18 to 0+20 (009-026 to 009-024) see Photo 7a & 7b | 2,880 gpd | | | |
| 2nd Quarter 2000 | July 11, 2000 | Windsor Cir., Replaced a service tap at STA 0+05 (031-092 to 031-091) see Photo 4A & 4B | 28,800 gpd | | 38,340 gpd | |
| | May 2000 | Winnifred Road, service replacement at STA 1+32 (015-025 to 015-024) | 360 gpd | | | |
| | May 2000 | Fitzpatrick Avenue, replaced 300' of 8-in VC pipe that was defective (005-145A to MH 005-143) | 2,010 gpd * | | | |
| | April 13, 2000 | Main Interceptor infiltration leak at Meadow Lane bridge crossing | 45,000 gpd | | | |
| | ? | Embassy Nursing Home had direct sewer connection to surface water | | | 47,370 gpd | X |
| 1st Quarter 2000 | | | | | 0 gpd | |
| 4th Quarter 1999 | December 1999 | Howard Street Sewer Replacement, 4,460 ft | 29,882 gpd * | | | |
| | ? | Snell Place Sewer Replacement of 15 ft | 101 gpd * | | | |
| 3rd Quarter 1999 | | | | | 29,983 gpd | |
| | July 1999 | Country Club Lane Sewer Replacement of 400 ft | 2,680 gpd * | | | |
| | July 1999 | Country Club Place Sewer Replacement of 400 ft | 2,680 gpd * | | | |
| 2nd Quarter 1999 | | | | | 5,360 gpd | |
| | April 5, 1999 | Belair St. MH 004-016 to 004-015 replaced 10' of 10" pipe between STA 1+83 & 1+89 | 67 gpd * | | | |
| 1st Quarter 1999 | | | | | 67 gpd | |
| | March 29, 1999 | Belair St. MH 004-016 to 004-015 replaced 6' of 10" pipe & 1 service between STA 1+37 & 1+41 | 40 gpd * | | | |
| | March 22, 1999 | Belair St. MH 017-010B to 017-010A replace 6' of 10" pipe starting @ STA 0+28 | 40 gpd * | | | |
| 4th Quarter 1998 | | | | | 80 gpd | |
| | September 1998 | Warren & Keith, 60 ft west (Holmgren project) | 402 gpd * | | | |
| | September 1998 | Warren & W. Chestnut, 74 ft west (Holmgren project) | 496 gpd * | | | |
| | September 1998 | Warren & Calmar, 74 ft east (Holmgren project) | 496 gpd * | | | |
| 1st, 2nd, 3rd Quarter 1998 | | | | | 8,999 gpd | |
| | September 1998 | Warren & Market to Copeland, 1,135 ft (Holmgren project) | 7,605 gpd * | | | |
| | 1998 | Ellsworth (cured in place lining) 522 linear feet (017-125 to 017-118) | 3,497 gpd * | | | |
| | January 1998 | Disconnected CB connection to sewer at Stonehill College (at Duffy Academic Center) | 41,200 gpd * | | | |
| 4th Quarter 1997 | | | | | 44,697 gpd | |
| | December 1997 | Warren & Clifton, north to Nilsson, 3,000 ft | 20,100 gpd * | | | |
| 3rd Quarter 1997 | | | | | 20,100 gpd | |
| | August 1, 1997 | 137 Perkins Ave, broken sewer leaking into a broken drain below | | | | X |
| | ? | Sewer overflow disconnected at siphon on Bartlett St. | | | | X |
| | ? | Sewer overflow disconnected on the East Side Interceptor | | | | X |
| | August 1, 1997 | Matfield Woods Estates, possible infiltration from a force main crossing of a brook | | | 0 gpd | X |
| 1st & 2nd Quarter 1997 | April 1997 | Sawtell Ave. Sewer Replacement of 300 ft with 8" PVC (between Glendale St. and Alden St.) | 2,010 gpd * | | | |
| | March 1997 | Wilmington St. Sewer Replacement of 100 ft with 15" PVC | 670 gpd * | | | |
| | January 27, 1997 | 150 Lisa Drive Replaced 8 ft of sewer with 8" PVC | 54 gpd * | | | |

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

| Annual Quarter | Dates | Work Performed | Description of Work | Flow in gallons per day | | | |
|------------------------|-------------------|----------------|---|----------------------------|-------------------|--------------------------|------------------------|
| | | | | Infiltration Removed | Inflow Removed | Total I/I per quarter | Exfiltration Source |
| 1st Quarter 1996 | | | Market Street Sewer Replacement | | | 2,734 gpd | |
| 4th Quarter 1996 | October 1996 | | Oak Green Apartments off Reservoir Street, disconnected a sewer MH from draining a surface water | 900,000 gpd | | | |
| | October 1996 | | Biscayne Street Disconnected this abandoned private street from the city sewer because of several defects and constant I/I. | 570,000 gpd | | 1,470,000 gpd | |
| 3rd Quarter 1996 | August 1996 | | Howard Street Bridge Reconstruction, replaced 150 ft under bridge with 12" DI | 1,005 gpd * | | | |
| | August 1996 | | Terminal Place on Evans St., replaced 300 ft of sewer with 8"PVC | 2,010 gpd * | | | |
| 2nd Quarter 1996 | May 1996 | | - Replaced 50 ft from Warren Ave. going west with 8" PVC | 335 gpd * | | 3,015 gpd | |
| | May 1996 | | - Replaced 250 ft from intersection of Copeland with 12" DI | 1,675 gpd * | | | |
| | May 1996 | | - Replaced 240 ft from Warren Ave. going east with 24" PVC | 1,608 gpd * | | | |
| 1st Quarter 1996 | March 22, 1996 | | Augusta Ave. replaced 6 ft with 8" PVC | 40 gpd * | | 3,618 gpd | |
| | February 29, 1996 | | Ash St. and Pleasant St. replaced 25 ft with 8" PVC | 168 gpd * | | | |
| 4th Quarter 1995 | Dec. 27, 1995 | | 68 Belair St. replaced 18 ft with 10" PVC | 121 gpd * | | 208 gpd | |
| | | | | | | 121 gpd | |
| | Jan.-May 1995 | | Howard Street Interceptor Project - Replaced 838 ft on Intervale St. with 21" PVC - Replaced 244 ft on Dyer St. with 21" PVC - Replaced 1,511 ft on Winter St., Douglas St., and Oscar Ave. with 18" PVC | 5,615 gpd * 1,635 gpd * | | | |
| | May 6, 1995 | | Rainville St. replaced 6 ft with 15" PVC | 10,124 gpd * | | | |
| | April 1995 | | Sump pump removed at 55 Albert St. | 40 gpd * | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 115/117 Ames St. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 234 Ames St. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 266 Ames St. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 60 Arthur St. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 122 Arthur St. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 21 Baltic Ave. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 70 Baltic Ave. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 185 Baltic Ave. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 155 Alden St. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 116 Ames St. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 260 Ames St. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 292 Ames St. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 105 Arthur St. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 136 Arthur St. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 40 Baltic Ave. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 77 Baltic Ave. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 38 Banks St. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 65 Lawton Ave. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 35 Louis St. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 22 Merton St. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 58 Merton St. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 96 Merton St. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 116 North Ave. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 154 North Ave. | | 8,640 gpd ** | | |
| | April 1995 | | Sump pump removed at 37 Saint Casimir St. | | 8,640 gpd ** | | |

Table 1
City of Brockton, Massachusetts
Consent Decree, Civil Action Case No. 1:06-cv-11334-NMG
Response to Section 42a - Activities Directed at Compliance with the Consent Decree
History of Sewer System Repair and Rehabilitation

| Annual Quarter | Dates | Description of Work | Infiltration Removed | Flow in gallons per day | | | Exfiltration Source |
|-------------------|-------------------|--|-------------------------|-------------------------|--------------------------|--|------------------------|
| | | | | Inflow Removed | Total I/I per quarter | | |
| | April 1995 | Sump pump removed at 30 Louis St. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 29 Merton St. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 68 Merton St. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 112 North Ave. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 122 North Ave. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 165 Ridge St. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 24 Vermont Ave. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 64 Banks St. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 11 Bellevue Ave. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 124 Bellevue Ave. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 43 Claremont St. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 107 Hovendon Ave. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 115 Hovendon Ave. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 164 Hovendon Ave. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 247 Howard St. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 10 Intervale St. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 19 Westford St. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 91 Banks St. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 117 Bellevue Ave. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 59 Bonney St. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 25 Granite St. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 114 Hovendon Ave. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 121 Hovendon Ave. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 243 Howard St. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 267 Howard St. | | 8,640 gpd ** | | | |
| | April 1995 | Sump pump removed at 15 Intervale St. | | 8,640 gpd ** | | | |
| | April 11, 1995 | 240 Colonel Bell Drive replaced 6 ft with 8" PVC | | 8,640 gpd ** | | | |
| | January 1, 1995 | Sheridan St. replaced 10 ft with 10" PVC | 40 gpd * | | | | |
| | September 7, 1994 | Braemoor Rd. replaced 8 ft with 8" PVC | 67 gpd * | | | | |
| | August 24, 1994 | 39 Southworth St. replaced 10 ft with 8" PVC | 54 gpd * | | | | |
| | August 1994 | Fisk St. Sewer Replacement of 50 ft with 8" PVC | 67 gpd * | | | | |
| | June 6, 1994 | Market St. replaced 200 ft with 10" PVC | 335 gpd * | | | | |
| | June 1994 | I/I Rehabilitation Conducted by Atlantic Development Corporation | 1,340 gpd * | | | | |
| | | - Disconnected driveway drain from sewer at 28 Amark St. | | | | | |
| | | - Disconnected driveway drain from sewer at 306 Field St. | | 4,320 gpd *** | | | |
| | Dec. 15, 1993 | 16 Hill St. replaced 8 ft with 8 PVC | | 4,320 gpd *** | | | |
| | April 13, 1990 | 249 Boylston St. replaced 8 ft with 8" PVC | 54 gpd * | | | | |
| | May 1, 1990 | Pleasant St. at Belair St. replaced 18 ft with 10" PVC | 0 gpd * | | | | |
| | | | 121 gpd * | | | | |

* I/I estimate based on average I/I rate of 6.7 gpd/ft.

** I/I estimate based on pump rate of 6 gpm.

*** I/I estimate based on pump rate of 3 gpm.

SPL: signs of previous leakage

| | |
|---------------------------------------|---------------|
| Estimated Total Infiltration Removed: | 4,002,524 gpd |
| Estimated Total Inflow Removed: | 4,427,788 gpd |
| Estimated Total I/I Removed: | 8,430,312 gpd |